

ecvp

liverpool  
cups

	Saturday 22nd	Sunday 23rd	Monday 24th	Tuesday 25th	Wednesday 26th	Thursday 27th
	room	room	room	room	room	room
8:30-9:00	Everyman Theatre	A	D			
9:00-9:30		Registration				Registration
9:30-10:00			A	B	C	A
10:00-11:30			Beyond Weber: Alternatives to Conventional Vision Theory	Research per Use in Clinic	Ecological Validity in Social Eye Research	The Ageing Visual System in Disease
10:30-11:00						
11:00-11:30			Posters & Coffee			
11:30-12:00						
12:00-12:30						
12:30-13:00						
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18:30-19:00						
19:00-19:30						
19:30-20:00						
20:00-20:30						
20:30-21:00						

**Dear colleagues and friends,**

## **Welcome to ECVP 2015!**

We are delighted that you could join us in Liverpool for the 38th European Conference on Visual Perception. Attendees from all over the world (not just Europe) have contributed their research on human, machine and animal perception and related cognitive phenomena.

We hope that during the meeting you will learn about innovative ideas and theories, enlightening empirical findings, and state-of-the art scientific techniques. In addition we hope you will have plenty of opportunity for social interactions with old and new colleagues. The campus of the University of Liverpool is located in the city of Liverpool and the area provides breath-taking venues and sights, a stirring cosmopolitan environment, and a vibrant local community. Although no absolute guarantee can be given on the weather, this month is usually dry and sunny.

We are extremely grateful to all of you who have played a role during the planning of this meeting: the Scientific Committee, Sponsors, Exhibitors, and Symposia organisers. Most importantly, of course, we would like to thank all authors and co-authors for contributing such scientifically important and exciting work to the programme and to all attendees who bring their expertise and enthusiasm to Liverpool and to ECVP 2015.

The organizing committee,



**Marco Bertamini**



**Kate Bennett**



**Rebecca Lawson**



**Alexis Makin**

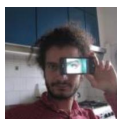


**Johan Hulleman**



**Sophie Wuerger**

And



**Adel Ferrari**



**Letizia Palumbo**



**Giulia Rampone**

Logo and book cover design by **Luca Tuberoni**

[www.lucatuberoni.com](http://www.lucatuberoni.com)

## ACKNOWLEDGMENTS

### A special thank to all reviewers of the ECVP abstracts:

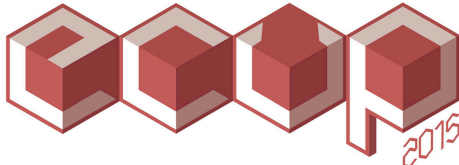
Max Aldridge, Harriet Allen, Michael Bach, Daniel Baker, Kate Bennett, Richard Bentall, Paolo Bernardis, Marco Bertamini, David Bimler, Eli Brenner, Nicola Bruno, Heinrich Bühlhoff, Marketa Caravolas, Claus-Christian Carbon, Zaira Cattaneo, Rouwen Cañal-Bruland, Patrick Cavanagh, Stefano Cecchetto, Ramakrishna Chakravarthi, Tushar Chauhan, Geoff Cole, Elizabeth Collier, Dave Connah, Stephan de La Rosa, Warren Donnellan, Jan Ehlers, Vebjørn Ekroll, Vicky Fallon, Fatima Felisberti, Adel Ferrari, Tom Foulsham, Mark Georgeson, Alan Gilchrist, Emma Gowen, Mark Greenlee, Julie Harris, Heiko Hecht, Frouke Hermens, Michael Herzog, Johan Hulleman, Anya Hurlbert, Robert Kentridge, Paul Knox, Alexander Logvinenko, Sarah Lukas, Christian N. L. Olivers, Alexis Makin, Jasna Martinovic, David Melcher, Georg Meyer, Rebecca Lawson, Pascal Mamassian, George Mather, Tim Meese, Matthias Mueller, Letizia Palumbo, Galina Paramei, David Perrett, Marianne Piano, Noelia Pitrelli-Vasquez, Ellen Poliakoff, Giulia Rampone, Louise Roper, Mark Sease, Andrew Schofield, David Simmons, Paul Skarratt, Joshua Solomon, Alessandro Soranzo, Vicente Soto, Laura Soulsby, Andrew Stockman, Hans Strasburger, Naira Taroyan, Ian M. Thornton, Laurence Tidbury, Dejan Todorovic, Victoria Vass, Frans Verstraten, Johan Wagemans, Luke Tudge, Peter Walker, Paul Warren, Christoph Witzel, Damien Wright, Sophie Wuerger, Kaida Xiao, Johannes Zanker, Suncica Zdravkovic.

### And to the volunteers:

Max Aldridge, Sarah Broughton, Stefano Cecchetto, Tushar Chauhan, Elisabeth Collier, Joanna Fairlie, Adel Ferrari, Martin Guest, Jennifer Ivison, Burkinshaw Joshua, Carol Laidler, Elizabeth Lewis, Michael Malone, Letizia Palumbo, Marianne Piano, Andrea Piovesan, Daniel Poole, Giulia Rampone, Vicente Soto, Nicola Street, Laurence Tidbury, Ieva Timrote, Damien Wright



(original logo)



(winner of the artwork competition logo)

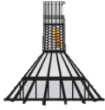
**Volunteers and organizers will be wearing T-shirts with the red ECVP2015 logo in order to be recognized and provide help and support.**

### Exhibitors

CRS  
VPixx  
Tobii  
SR-Research  
Oxford University Press  
Pion/Sage  
MIT Press  
Springer  
Kay Pictures



## Conference Venues



### **Metropolitan Cathedral**

Cathedral House  
Mount Pleasant  
Liverpool, L3 5TQ



### **Central Teaching Hub, University of Liverpool**

Faculty of Science & Engineering  
Off Brownlow Hill  
Liverpool, L69 3BX



### **Mountford Hall, University of Liverpool**

Liverpool Guild of Students,  
Mount Pleasant  
Liverpool, L3 5TR

## Events Venues



### **Everyman Theatre**

Williamson Square,  
Liverpool  
L1 1EL



### **Camp & Furnace**

67 Greenland St,  
Liverpool, L1 0BY



### **St George's Hall**

St George's Place  
Liverpool, L1 1JJ



### **Bombed Out Church (St Luke's Church)**

Leece Street  
Liverpool, L1 2TR

### **Registration and on-site payment**

You can register for ECVP 2015 on Saturday 22<sup>nd</sup> August from 13:00 until 18:00 at the Everyman Theatre (Hope Street). You can register on campus Sunday 23<sup>rd</sup> August from 8:30 until 17:30 within the Central Teaching Hub. Registration is also open every day from Monday 24<sup>th</sup> August to Thursday 27<sup>th</sup> August from 8:30 to 9:00 within the Central Teaching Hub.

At registration you will receive the conference bag containing the conference materials. It is **very important** that you wear your conference badge to access all conference events.

If you have not paid the conference fees in advance, you can do it at the registration desk. If still available we will then provide you with the material.

### **Name Badge**

If you are registered for the satellite meeting (VSAC) there is a single badge holder and lanyard in which you can display both badges. The VSAC badge has a yellow theme; the ECVP logo instead is red. If registered in advance the ECVP badge will also have a QR code. When scanned this will let you share your email address.

### **Audiovisual Equipment for Talk**

A computer and LCD projectors are present in the lecture theatres. You can bring presentations on USB memory cards or on your own computer. Presenters must set computers up before the start of the session in which they are presenting. We also recommend that you test your presentation before your session.

### **Coffee breaks and Lunch**

Two coffee breaks and one lunch break are available every day of the conference in Mountford Hall. There is also a variety of bars and markets around the campus for coffee, snacks or lunch.

### **Social Dinner**

If you have purchased a ticket for the Social Dinner in St George's Hall, you will receive it during registration. Cost for one ticket is £55 per person, and £18 for children under the age of 14. Please ask at the registration desk for further details. The dress code is smart casual.

### **Guests**

If you are coming with a partner or family, they are welcome to the open reception events. They can come to the Welcome Reception at the Metropolitan Cathedral on Sunday, the Illusions Parade on Tuesday and the Farewell party in the Bombed Out Church on Thursday. However, they will not be allowed into the lecture theatres without registration. It may be possible that there will be free tickets also for the opening event at the Everyman theatre. You will need to check online or at registration.

### **Internet access/wi-fi**

Free wi-fi access will be available throughout the conference venue. If you are visiting from an institution that participates in the eduroam scheme, you will be able to login to the eduroam service using your own username and password.

Alternatively, GuestNet provides access to the Internet for Guests and users can get a temporary username and password for up to 7 days allowing them access to the service. You can get GuestNet username and password at the registration desk.

### **Copying and Printing**

Here a list of printing and photocopying shops within walking distance from the University campus.

Desktop Print: 57, Bold St, L1 4EU

Rayross Print Factory: 96 Duke St, L1 5AG

Max Spielmann: 34, Renshaw St, L1 4EF

### **Insurance and Emergency**

The conference organizers and the conference/events venues shall not be held liable for personal injury or any loss or damaging to the belongings of the conference participants, either during or as a result of the conference. Please check the validity of your own insurance.

In emergency dial 999 to contact the police, fire or ambulance service.

Non-emergencies:

Police: +44 151 7096010

Fire Service: +44 151 296 4000

Ambulance: +44 151 260 5220

### **Public transport**

All conference and events venues, as well as the city center, are within walking distance from the University Campus. Visit the website [www.merseytravel.gov.uk](http://www.merseytravel.gov.uk) for information regarding Bus and Train travel (routes and timetables) and Mersey ferries.

Taxi:

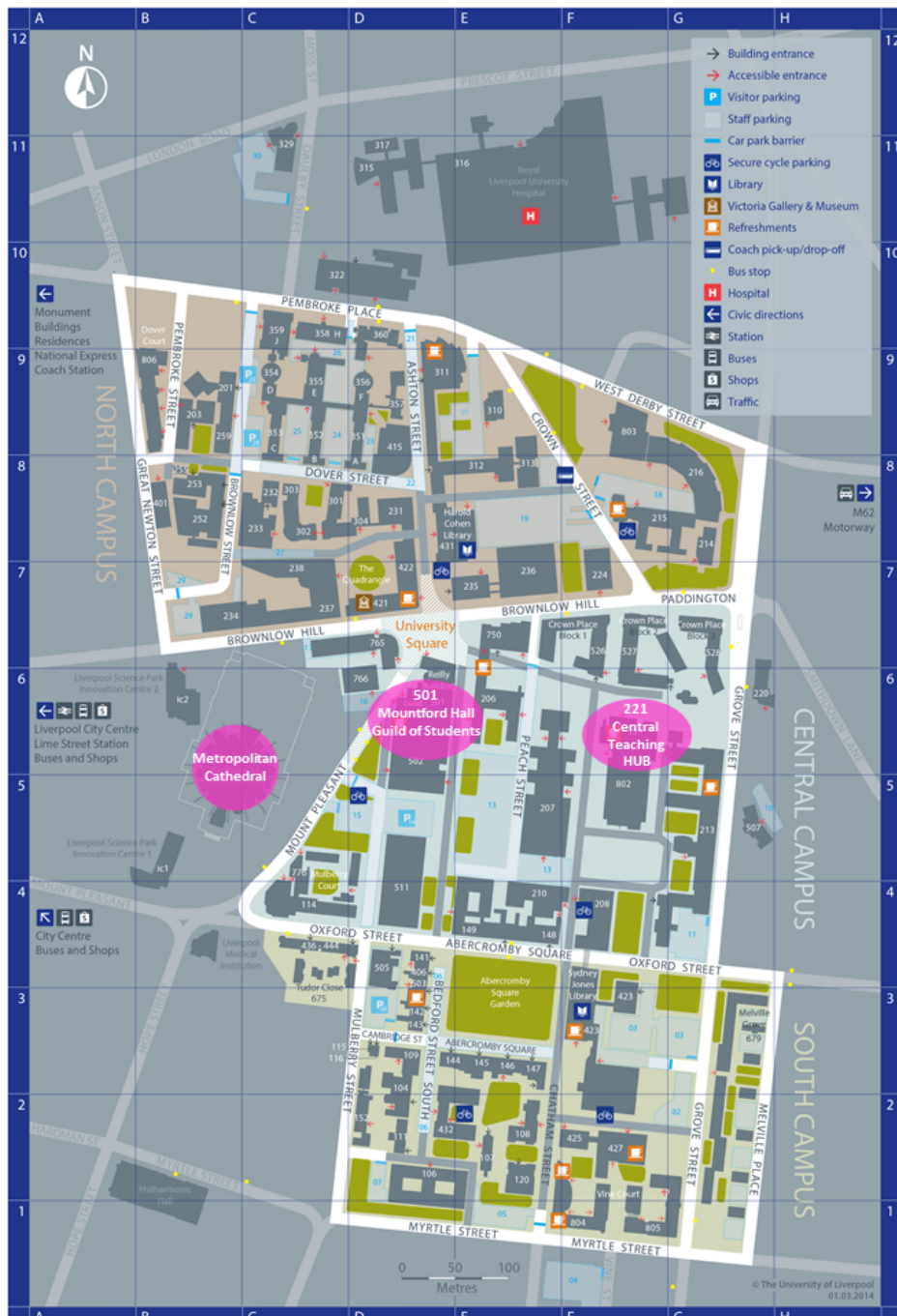
Delta Taxi: (+44) 151 922 7373

Alpha Taxi: (+44) 151 7228888

Village Taxi: (+44) 151 4277909

Excel Taxi: (+44) 151 7288888

## University Campus MAP



## OPENING EVENT: Sunday 23rd August

### PERCEPTION LECTURE

Metropolitan Cathedral 18:30-19:30

**Andrew Watson (MS 262-2 NASA Ames Research Center)**

### Modeling Vision: Nine Lessons

Following the Perception Lecture we will have the Welcome Reception at the Metropolitan Cathedral and you will be assisted by our volunteers. Please, wear your name badge when entering. There will be drinks and food (canapé style) for all the attendees.



Liverpool Metropolitan Cathedral, formally the Metropolitan Cathedral of Christ the King, is the seat of the Archbishop of Liverpool and the mother church of the Roman Catholic Archdiocese of Liverpool. The cathedral's architect, Frederick Gibberd, was the winner of a worldwide design competition. Construction began in 1962 and took five years. The Grade II Metropolitan Cathedral is one of Liverpool's many listed buildings.

## CONFERENCE DINNER: Wednesday 26<sup>th</sup> August

St George Hall from 19:30

The Band **Halcyon Syncopators** will play a range of instrumental and vocal numbers (all Jazz from 1910-1960).



St George's Hall is opposite to Lime Street railway station. It is a building in Neoclassical style which contains concert halls and law courts, and is recorded in the National Heritage List for England as a designated Grade I listed building.

**ILLUSIONS PARADE: Tuesday 25<sup>th</sup> August**  
At Camp and Furnace 18:30-24:00 (Free admission)



ORGANIZERS: **Letizia Palumbo** and **Giulia Rampone**  
[l.palumbo@liverpool.ac.uk](mailto:l.palumbo@liverpool.ac.uk) and [giulia@liverpool.ac.uk](mailto:giulia@liverpool.ac.uk)



Address: 67 Greenland St. L10BY

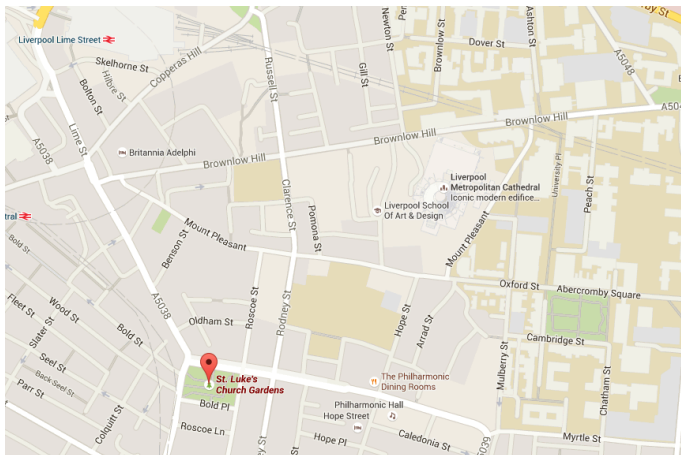
## CLOSING NIGHT EVENT: Thursday 26<sup>th</sup> August

St Luke Church from 18:30

Party night at St Luke (known as the Bombed Out Church) with a Band playing most famous Beatles' songs.



St Luke's Church is a former Anglican parish church, which is now a ruin. The church was built between 1811 and 1832 by John Foster, senior and John Foster, junior, father and son.





## Legend

The magic number seven!

Every abstract has a 7 characters code. This contains information about time and location of the presentation.

First character - Day

- 1 = Monday
- 2 = Tuesday
- 3 = Wednesday
- 4 = Thursday

Second character - Type

- P = poster
- T = oral presentation
- S = symposium presentation

Third character - Period

- 1 = morning (for talks 9-11, for posters 11-12)
- 2 = midday (for talks 13:30-15, for posters 15-16)
- 3 = afternoon (for talks 16-18)

Fourth character - Room

- A = Lecture Theatre A
- B = Lecture Theatre B
- C = Lecture Theatre C
- M = Mountford Hall

Fifth to Seventh - Slot

This is a number expressed as 001, 002 and so on. It gives the slot for a talk within a session and the poster board number for a poster.

Examples:

**1P1M073** is a poster on Monday in the period 11-12 in Mountford Hall and the poster board is number 73.

**3S1A005** is a symposium presentation on Wednesday in the period 9-11 in room A and it is the fifth presentation in the session.

# Saturday, August 22nd

**15:00-18:00** Session 1: Everyman  
Screening of Tim's Vermeer followed by panel discussion  
LOCATION: Everyman Theatre



# Sunday, August 23rd

**09:00-17:30** Visual Science of Art (Satellite conference)

<http://www.ecvp.org/2015/sac.html>

LOCATION: A

**09:00-17:30** Animal Vision (Satellite conference)

<http://www.theava.net/meetings/camocon2015.html>

LOCATION: D

**18:30-19:30** Session 3: Perception Lecture

Perception Lecture Andrew Watson

LOCATION: Met Cathedral

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18:30 *Andrew B. Watson*

**Modeling Vision: Nine Lessons.**

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**19:30-22:00** Welcome Reception

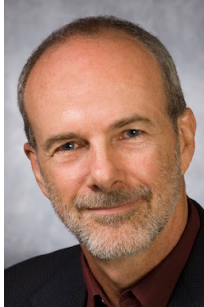
(sponsored by Perception)

LOCATION: Met Cathedral

**Andrew B. Watson**

NASA Ames Research Center

[andrew.b.watson@nasa.gov](mailto:andrew.b.watson@nasa.gov)



***Perception Lecture - Met Cathedral***

Sunday, 23rd - 18.30-19.30

**Modeling Vision: Nine Lessons**

**Abstract:**

A model is an explicit simplified working representation of a physical process. Modeling is the means by which we transform the whirring, buzzing, confusion of data into a coherent story. In this era, models usually take the form of computer code. Despite their essential role, we do not yet have a stable foundation of shared consensus codes to describe the workings of early vision. In this talk I will share some lessons that I have learned about modeling of vision, and offer some ideas about how we might move from a predominantly empirical science to one based on an evolving infrastructure of theory.

# Monday, August 24th

## 09:00-11:00 Session 4A: Beyond Veridicalism: alternatives to conventional vision theory

CHAIR: *Johan Wagemans*

LOCATION: A

09:00 *Johan Wagemans*

**Alternatives to veridicalism in vision theory [1S1A001]**

09:20 *Jan Koenderink and Andrea Van Doorn*

**Template structure of visual awareness [1S1A002]**

09:40 *Robert Pepperell*

**Where do we see? [1S1A003]**

10:00 *Manish Singh*

**Perception, Inverse optics, and Probabilistic inference [1S1A004]**

10:20 *Paul Hibbard*

**The reliability of experience and the experience of reliability [1S1A005]**

10:40 *Vebjørn Ekroll*

**The immediate visual quality of visibility: how the visual system communicates confidence [1S1A006]**

## 09:00-11:00 Session 4B: Visual perception research for use in the vision clinic

CHAIR: *Laurence Tiddbury*

LOCATION: B

09:00 *Andrew Parker, Gaëlle Coullon and Holly Bridge*

**Cortical Organization for Binocular Pattern Vision [1S1B001]**

09:17 *Jenny Read, Kathleen Vancleef, Ignacio Serrano-Pedraza, Graham Morgan, Craig Sharp and Michael Clarke*

**ASTEROID: Accurate STEReoacuity measurement in the eye clinic [1S1B002]**

09:34 *Claudia Lunghi, Marika Berchicci, Maria Concetta Morrone, David Charles Burr and Francesco Di Russo*

**Short-term monocular deprivation alters early components of Visual Evoked Potentials [1S1B003]**

09:52 *Catherine Manning, Peter Jones, Tessa Dekker and Elizabeth Pellicano*

**How does inattentiveness affect threshold estimates in children? [1S1B004]**

10:09 *Renate Walthes, Christiane Freitag and Namita Jacob*

**Cerebral visual impairment in children [1S1B005]**

10:26 *Kathleen Vancleef, Yasmine Petre, Eva Janssens, Silke Bäumer, Els Ortibus and Johan Wagemans*

**CVIT 3-6, a screening test for cerebral visual impairment in young children [1S1B006]**

10:43 *Zahra Hussain, Andrew Astle, Ben Webb and Paul McGraw*

**Spatial mapping of retinal correspondence in strabismus [1S1B007]**

## 09:00-11:00 Session 4C: Ecological validity in social eye movement research

CHAIR: *Luke Tudge*

LOCATION: C

09:00 *Megan Freeth and Andrius Vablas*

**Temporal dynamics of social attention in face-to-face situations [1S1C001]**

09:15 *Amelia Hunt, Arash Sahraie and C. Neil Macrae*

**Context dependence of attentional capture [1S1C002]**

09:30 *Eleni Nasiopoulos, Evan Risko, Tom Foulsham and Alan Kingstone*

**The social presence effect of wearing an eye tracker: Now you see it, now you don't [1S1C003]**

09:45 *Tom Foulsham*

**The interpretation of gaze in two-way social interactions [1S1C004]**

10:00 *Matthias Gobel and Daniel Richardson*

**How attention is shaped by beliefs about other people [1S1C005]**

10:15 *Kaitlin Laidlaw and Alan Kingstone*

**Looking at people in real life: Methods for investigating social attention [1S1C006]**

## 11:00-12:00 Session 5

Vision & Cognition (Expertise, Learning, Memory & Decisions) / The Human Face (Detection, Discrimination & Expression)

/ Visual Art, Attraction & Emotion.

LOCATION: Mountford Hall

11:00 *Sven Panis and Thomas Schmidt*

**The time-course of behavioral positive and negative compatibility effects within a trial [1P1M001]**

11:00 *Asaf Ben Shalom and Tzvi Ganel*

**Weber's law in iconic memory [1P1M003]**

11:00 *Tim Donovan, Peter Walker and Damien Litchfield*

**Progressively removing high spatial frequencies: the impact on performance when searching for cancer in**

**chest x-rays. [1P1M005]**

11:00 *Tadamasa Sawada*

**A likelihood distribution of d' in a signal detection experiment [1P1M007]**

11:00 *Joseph Brooks, Alexia Zoumpoulaki and Howard Bowman*

**Avoid Fishing: Data-driven selection of regions-of-interest in EEG/MEG studies that avoids inflating false**

**positive rates [1P1M009]**

11:00 *Stephan Lancier and Hanspeter A. Mallot*

**Likelihood Estimation of Places in Local Environments [1P1M011]**

11:00 *Fabian Gebauer and Claus-Christian Carbon*

**Perceiving the Ukraine Crisis is a matter of visual depiction [1P1M013]**

11:00	Mikhail Sopov and Alisa Aleshkovskaya
11:00	<b>The effect of prime-target congruence on subsequent prime perception: An ERP study [1P1M015]</b>
11:00	Szilvia Linnert, Vincent Reid and Gert Westermann
11:00	<b>Top-down and bottom-up effects on the visual N1 category differences. [1P1M017]</b>
11:00	Gerly Tamm and Nelson Cowan
11:00	<b>The Interplay Between Emotions and Cognitive Task Performance [1P1M019]</b>
11:00	Christianne Jacobs, Jane Jacob and Juha Silvanto
11:00	<b>Metacognitive sensitivity in visual working memory is determined by more than the integrity of the original memory trace [1P1M021]</b>
11:00	Radovan Sikl and Hana Svatonova
11:00	<b>Visual recognition memory for aerial photographs [1P1M023]</b>
11:00	Maciej Kosilo, Corinna Haenschel and Jasna Martinovic
11:00	<b>Preferential inputs of luminance signals for visual working memory. [1P1M025]</b>
11:00	Boris Quétard, Jessica Guilhe, Mélanie Marcotte, Jean-Charles Quinton, Laura Barca, Giovanni Pezzulo, Michèle Colomb, Martial Mermillod and Marie Izaute
11:00	<b>Effects of noise and scene-target spatial congruence through visual exploration and target identification in a perceptual decision-making process. [1P1M027]</b>
11:00	Efsun Annac, Markus Conci, Hermann Müller and Thomas Geyer
11:00	<b>Multiple target location learning in repeated visual search: adaptation or new learning? [1P1M029]</b>
11:00	Stephanie Larcombe, Christopher Kennard and Holly Bridge
11:00	<b>Intensive visual perceptual learning may increase the specificity of task improvement [1P1M031]</b>
11:00	Takahiko Horiuchi, Norifumi O'Hashi and Keita Hirai
11:00	<b>Effects of Material Appearance on Visual Memory [1P1M033]</b>
11:00	Polytimi Frangou, Rui Wang, Andrew P. Prescott, Marta Correia and Zoe Kourtzi
11:00	<b>Inhibitory mechanisms for visual learning in the human brain [1P1M035]</b>
11:00	Yu Ying Lin and Hiroshi Ashida
11:00	<b>Effects of Using Detailed Illustrations in Textbook Design on Science Learning [1P1M037]</b>
11:00	Chiara Santolin, Orsola Rosa Salva, Giorgio Vallortigara and Lucia Regolin
11:00	<b>Unsupervised visual statistical learning in the newborn chick (Gallus gallus) [1P1M039]</b>
11:00	Andre M. Cravo, Louise C. Barnes, Marcelo B. Reyes and Marcelo S. Caetano
11:00	<b>Oscillatory mechanisms involved in the coding of temporal errors [1P1M041]</b>
11:00	Neil Dundon, Mohammad Zia Ul Haq Katshu and Giovanni d'Avossa
11:00	<b>Averaging effects in spatial working memory do not depend on stored ensemble statistics [1P1M043]</b>
11:00	Christopher Luke and Petra Pollux
11:00	<b>Lateral Presentation of Faces Alters Overall Viewing Strategy [1P1M045]</b>
11:00	Minoru Nakayama and Masahiro Yasuda
11:00	<b>Responses of ERPs and eye movements to the recognition of clusters of facial expressions [1P1M047]</b>
11:00	Ivan Basyul, Kristina Ananyeva and Alexander Demidov
11:00	<b>Cross-cultural differences of fixation patterns in the perception of human faces [1P1M049]</b>
11:00	Kae Nakajima, Tetsuto Minami and Shigeki Nakauchi
11:00	<b>Face and background colour effect on facial expression perception [1P1M053]</b>
11:00	Tjeerd Jellema, Joanna Wincenciak, Letizia Palumbo, Bruce Keefe and Nick Barracough
11:00	<b>Attribution of emotional state of mind modulates the size of facial expression aftereffects [1P1M055]</b>
11:00	Luc Boutsen, Nathan Pearson and Martin Juttner
11:00	<b>The effect of disfiguring features on covert and overt attention to faces [1P1M057]</b>
11:00	Ryu Takagi, Motonori Kurosumi, Maya Hongo, Koji Mizukoshi and Miyuki G. Kamachi
11:00	<b>Facial glossiness and age estimation [1P1M059]</b>
11:00	Louise Delicato, Jack Routledge and Dawn Williams
11:00	<b>Motion makes fearful facial expressions more detectable [1P1M061]</b>
11:00	Olga A. Korolkova
11:00	<b>Adaptation to natural dynamic facial emotional expressions [1P1M063]</b>
11:00	Martin Juttner and Katherine Quinlan
11:00	<b>Dissociation of detection and evaluation of facial expressions in adolescence [1P1M065]</b>
11:00	Luyan Ji and Gilles Pourtois
11:00	<b>Limited processing capacity for extracting mean emotion from multiple faces [1P1M067]</b>
11:00	Joanna Wincenciak and Louise Delicato
11:00	<b>Face-shape facilitates detection of fearful facial expressions. [1P1M069]</b>
11:00	Charles C.-F. Or, Talia L. Retter and Bruno Rossion
11:00	<b>The effect of head orientation on face detection in natural images as evidenced by fast periodic visual stimulation [1P1M071]</b>
11:00	Jisien Yang
11:00	<b>Gender difference in 3D face recognition [1P1M073]</b>
11:00	Kazusa Minemoto and Sakiko Yoshikawa
11:00	<b>Intensity of the facial expressions influences the aftereffect of facial expressions [1P1M075]</b>
11:00	Rachel Bennetts, Ebony Murray, Tian Boyce and Sarah Bate
11:00	<b>The development of face and object processing in childhood [1P1M077]</b>
11:00	Priscilla Heard and Raagini Kashyap
11:00	<b>How well is Emotion recognized in faces 15degrees in the periphery, and where do people look when allowed to fixate the face? [1P1M079]</b>
11:00	Chien-Kai Chang, Shun-Fu Hu and Sarina Hui-Lin Chien
11:00	<b>Taiwanese political parties can also be differentiated by face: Exterior parts of the face matter [1P1M081]</b>
11:00	David Keeble, Hoo Keat Wong and Ian Stephen
11:00	<b>The Own-Race Bias for Face Recognition in Malaysians and Whites [1P1M083]</b>
11:00	Katie Fisher, John Towler and Martin Eimer
11:00	<b>Impaired identity discrimination in developmental prosopagnosia as measured with steady state visual evoked potentials in an oddball task. [1P1M085]</b>

11:00	Thomas Papatomas, Attila Farkas, Tom Grace and Sarah Salter <b>Processing of Depth-Inversion Illusions: The special case of faces</b> [1P1M087]
11:00	Yağmur Güçlütürk, Richard Jacobs and Rob van Lier <b>Differential effects of task anticipation on liking of familiar surfaces</b> [1P1M089]
11:00	Susanne Röder and Claus-Christian Carbon <b>Average faces: Skin texture more than facial symmetry predicts attractiveness perceptions of female faces</b> [1P1M091]
11:00	Petra Pollux and Kun Guo <b>Effect of viewpoint and face visibility in whole body expression recognition</b> [1P1M093]
	Michael Papasavva, Louise Ewing, Patricia Ferreira, Anne Richards and Marie L. Smith <b>Individual differences in the rewarding nature of faces</b> [1P1M095]
11:00	Anne Richards, Lieke Dittmer, Stacey Williams and Marie Smith <b>The rewarding value of attractive faces: modulating effects of emotion, eye-gaze and empathy.</b> [1P1M097]
11:00	Nick Taubert, Junru Li, Dominik Endres and Martin A. Giese <b>Perception of emotional body expressions depends on concurrent involvement in social interaction</b> [1P1M099]
11:00	Motonori Yamaguchi and Sarah Harwood <b>The Influence of Fear-Inducing Stimuli on Learning of Visual Context</b> [1P1M101]
11:00	Divita Singh and Meera Sunny <b>(No) Role of emotions in Emotion Induced Blindness</b> [1P1M103]
11:00	Joanna Pilarczyk, Emilia Schwertner and Michal Kuniecki <b>The menstrual cycle influences attending to evolutionary-relevant visual stimuli. An eye-tracking study.</b> [1P1M105]
11:00	Katie Jones, Derrick Watson and Melina Kunar <b>I know what you're doing!: Awareness of other people's intentions interfere with cognitive task performance</b> [1P1M107]
11:00	Stefan A. Ortlieb, Uwe C. Fischer and Claus-Christian Carbon <b>Burke's fallacy: Is there a male gaze in empirical aesthetics?</b> [1P1M109]
11:00	Javier Vaño-Viñuales, Robert Pepperell, Guido B. Corradi, Gerardo Gómez-Puerto and Enric Munar <b>Visual Preference for Curvature and Art Paintings: Some Data</b> [1P1M111]
11:00	Haruyuki Kojima <b>Blue color enhances the performance in creativity tasks</b> [1P1M113]
11:00	Shwu-Lih Huang and Wen-Hung Liao <b>The Importance of Diagonal Axes in Aesthetic Appreciation</b> [1P1M115]
11:00	Adam Pedley, Alexandra Grandison and Paul Sowden <b>Could a red pen really lower maths test scores? An investigation of colour driven cognitive effects.</b> [1P1M117]
11:00	Gerardo Gómez-Puerto, Enric Munar, Fumihiko Kano and Josep Call <b>Eye-tracking of primate's preference for curvature</b> [1P1M119]
11:00	Goro Maehara, Shinya Saida and Hiromi Wake <b>Either of vertical or horizontal stripes on clothing makes the wearer look slimmer.</b> [1P1M121]
11:00	Irina Blinnikova, Anna Izmalkova and Olga Marchenko <b>How do emotions affect visual semantic search?</b> [1P1M123]
11:00	Theresia K. Reiter, Stefan A. Ortlieb and Claus-Christian Carbon <b>Kitsch: Is it better than its reputation? Comparing explicit and implicit aesthetic processing</b> [1P1M125]
11:00	Inez Grevén, Paul Downing and Richard Ramsey <b>Extracting social information from the visual image of bodies</b> [1P1M127]
11:00	Claudia Muth, Claus-Christian Carbon and Vera M. Hesslinger <b>Unsolvable, yet insightful: The appeal of indeterminate and ambiguous artworks</b> [1P1M129]
11:00	Muwei Jian and Junyu Dong <b>Three-dimensional Reconstruction of Traditional Chinese Calligraphy Arts for Realistic Perception</b> [1P1M131]
11:00	Letizia Palumbo, Nicole Ruta and Marco Bertamini <b>It is more difficult to judge global properties of shapes described by vertices than by curvature extrema</b> [1P1M133]
11:00	Ivana Franke and Bilge Sayim <b>Spatial vision research in contemporary art practice: No room for 'perceptual errors'</b> [1P1M135]
11:00	Nicholas Hedger, Katie Gray, Wendy Adams and Matthew Garner <b>Are visual threats prioritised in the absence of awareness? A meta-analysis involving 2559 observers.</b> [1P1M137]
11:00	Michał Kuniecki and Joanna Pilarczyk <b>Negative emotional objects cause pupil dilation despite low signal-to-noise conditions.</b> [1P1M139]

### 13:30-15:00 Session 6A: Attention

CHAIR: Todd Horowitz

LOCATION: A

13:30	Robert Allison and Margarita Vinnikov <b>Simulating spatial auditory attention in a gaze contingent display: The virtual cocktail party</b> [1T2A001]
13:45	Stephen Gareth Edwards, Lisa Stephenson, Mario Dalmaso and Andrew Bayliss <b>Social orienting in gaze leading: A mechanism for shared attention</b> [1T2A002]
14:00	Stefanie I Becker and Jenna E Axtens <b>Feed-forward feature-based attention modulates attentional capture and gaze capture by irrelevant onsets in visual search</b> [1T2A003]
14:15	Ruth Rosenholtz, Lavanya Sharan and Emily Park <b>Why don't we see the gorilla? Looking in the wrong place, attending to the wrong objects, or doing the wrong task?</b> [1T2A004]

14:30	Zhongqiang Sun, Wenjun Yu, Jifan Zhou, Meng Zhang and Mowei Shen <b>Perceiving Crowd Attention: consensus gaze following in human crowds [1T2A005]</b>
14:45	Katherine Burnett, Isabel Arend and Avishai Henik <b>Motion direction is processed automatically [1T2A006]</b>

### 13:30-15:00 Session 6B: Surface and texture

CHAIR: Tim Meese

LOCATION: B

13:30	Ichiro Kuriki <b>The effect of ambiguity of material perception on the mode of color appearance [1T2B001]</b>
13:45	Sabrina Hansmann-Roth, Sylvia Pont and Pascal Mamassian <b>Gloss perception of photographs and real multi-material objects [1T2B002]</b>
14:00	Edward Adelson, Ivaylo Boyadzhiev, Sylvain Paris and Kavita Bala <b>Modifying material appearance with bandsifting operators [1T2B003]</b>
14:15	Dicle Dovencioglu, Roby M. Vota, Ohad Ben-Shahar, Maarten W. A. Wijnjes and Katja Doerschner <b>Surface reflectance and motion characteristics affect perceived bumpiness of 3D-rotating objects [1T2B004]</b>
14:30	Jasmina Stevanov, Laszlo Talas, Michele Furlan, Nick Scott-Samuel and Hiroshi Ashida <b>Neural Representation of Spectral Densities in IT Cortex [1T2B005]</b>
14:45	Tomoyuki Naito and Hiromichi Sato <b>Absolute and relative spatial frequency tuning in V1 neurons [1T2B006]</b>

### 13:30-15:00 Session 6C: Vision, preference and emotion

CHAIR: Árni Kristjánsson

LOCATION: C

13:30	Anna Franklin, Alice Skelton and Gemma Catchpole <b>Biological foundations of adult colour naming and preference are revealed by infants' response to colour [1T2C001]</b>
13:45	Andrey Chetverikov, Ómar Jóhannesson, María Kuvaldina and Árni Kristjánsson <b>Missing it, and missing it badly: negative affect induced by missed changes in change blindness paradigm [1T2C002]</b>
14:00	Gregor Hayn-Leichsenring <b>Low-level Image Properties correlate with Personal Traits in Artificial Face Images [1T2C003]</b>
14:15	Richard Ramsey <b>Functional integration of neural signals during person perception [1T2C004]</b>
14:30	Giulia Rampone, Marco Bertamini and Alexis Makin <b>Exogenous cuing of attention increases preference for abstract shapes [1T2C005]</b>
14:45	Larissa Szymanek and David R. Simmons <b>The Effectiveness of Augmented Reality in Enhancing the Experience of Visual Impact Assessment for Wind Turbine Development [1T2C006]</b>

### 15:00-16:00 Session 7

Vision & Cognition (Expertise, Learning, Memory & Decisions) / The Human Face (Detection, Discrimination & Expression)

/ Visual Art, Attraction & Emotion

LOCATION: Mountford Hall

15:00	Melina Kunar, Miao Yu, Konstantinos Tsetos, Nick Chater and Derrick Watson <b>Attention! Now That I've Got Your Attention Let Me Sway Your Judgement: Irrelevant, Salient Stimuli and Extreme Outliers Affect Decisions On Value [1P2M002]</b>
15:00	Doug J. K. Barrett, David Souto and Tamaryn Menneer <b>Attending redundant information increases the precision of visual working memory for complex stimuli [1P2M004]</b>
15:00	Daniel Gunnell and Derrick Watson <b>Conversation, a risky business: Naturalistic conversation changes risk behaviour and loss perception [1P2M006]</b>
15:00	Yuji Nihei, Tetsuto Minami and Shigeki Nakauchi <b>An optimum stimulation method in SSVEP-Based researches and BCIs [1P2M008]</b>
15:00	Bobby Stuijzand and Roland Baddeley <b>Eye movement strategies are not optimal: people simply employ reasonable but idiosyncratic search strategies [1P2M010]</b>
15:00	Jade Jackson and Alexandra Woolgar <b>Overlapping neural codes: Individual frontal voxels are more likely to be re-used if the encoded stimuli are more distinct [1P2M012]</b>
15:00	Kyoko Hine and Yuji Itoh <b>Not only excitation but also inhibitory processing is carried over into the subsequent task [1P2M014]</b>
15:00	Andreas Schmitt and Thomas Lachmann <b>Letters in the forest: global precedence effect disappears for letters but not for non-letters under reading-like conditions [1P2M016]</b>
15:00	Olga Marchenko <b>Timed object naming in Russian language [1P2M018]</b>
15:00	Achille Pasqualotto <b>Frontal transcranial random noise stimulation improves the acquisition of verbal knowledge [1P2M020]</b>
15:00	Louise Sarah Ther Allen-Walker, Alex Baxendale, Reneta Krasimirova Kiryakov, Sophie Lawrie and Paloma Mari-Beffa <b>Anatomical dissociations of forward and backwards semantic processing in the cerebellum using theta burst stimulation. [1P2M022]</b>

15:00	<i>Giovanni d'Avossa, Neil Dundon, Zia Katshu, Daniel Roberts, Bronson Harry, Craig Roberts, Paul Downing and Elwyn Charles Leek</i> <b>Lesions of the Medial Occipito-Temporal cortex affect spatial binding of sensory and memory data</b> [1P2M024]
15:00	<i>Hannah Morgan and Simon Davies</i> <b>Cross-dimensional correspondences in perception enhance short-term memory for congruent but not incongruent shape-elevation and shape-pitch feature pairs</b> [1P2M026]
15:00	<i>Marta Rossi and Yair Pinto</i> <b>Slots or resources? It depends on the type of visual memory.</b> [1P2M028]
15:00	<i>Martin Thirkettle, Tom Stafford and Amaka Offiah</i> <b>Internet Based Measurement of Visual Expertise in Radiological Skill</b> [1P2M030]
15:00	<i>Sylvia Macinska, Manon Krol and Tjeerd Jellema</i> <b>Variations in implicit social learning in the typically-developed population.</b> [1P2M032]
15:00	<i>Thomas Ditye</i> <b>Distributed adaptation facilitates long-term face aftereffects</b> [1P2M034]
15:00	<i>Vasileios Karlaftis, Rui Wang, Guy Williams, Peter Tino, Andrew Welchman and Zoe Kourtzi</i> <b>White-matter connectivity for learning of hierarchical structures</b> [1P2M036]
15:00	<i>Joaquin Navajas, Harpal Panesar, Uri Hertz, Mehdi Keramati and Bahador Bahrami</i> <b>Tracking Perceptual Uncertainty in Rapid Serial Visual Presentations</b> [1P2M038]
15:00	<i>Yingzi Xiong, Junyun Zhang and Cong Yu</i> <b>Under-stimulation at untrained orientation may explain orientation specificity in perceptual learning</b> [1P2M040]
15:00	<i>Ben S. Webb, Paul V. McGraw, Dennis M. Levi and Roger W. Li</i> <b>The perceptual costs and benefits of learning to multitask</b> [1P2M042]
15:00	<i>Jodie Davies-Thompson, Kimberley Fletcher, Charlotte Hills, Sherryse Corrow, Raika Pancaroglu and Jason J.S. Barton</i> <b>Perceptual training of faces in rehabilitation of acquired prosopagnosia</b> [1P2M044]
15:00	<i>Sandra Utz and Claus-Christian Carbon</i> <b>Impaired configural processing for other-race faces revealed by a Thatcher illusion paradigm</b> [1P2M046]
15:00	<i>Tzvi Ganel and Gal Namdar</i> <b>Effects of configural processing on the perception and the spatial resolution of face features</b> [1P2M048]
15:00	<i>Corinne Green and Kun Guo</i> <b>What personal factors lead to individual differences in categorizing facial expressions of emotion?</b> [1P2M050]
15:00	<i>Takuma Takehara, Makiko Saruyama and Naoto Suzuki</i> <b>Dynamic Facial Expression Recognition in Low Emotional Intensity and Shuffled Sequences</b> [1P2M052]
15:00	<i>Marie Smith, Blanka Volná and Louise Ewing</i> <b>The visual information driving familiarity and identity judgements from faces.</b> [1P2M054]
15:00	<i>Isabelle Bühlhoff, Betty Mohler and Ian M Thornton</i> <b>Active and passive exploration of faces</b> [1P2M056]
15:00	<i>Edoardo Zamuner and William Hayward</i> <b>Adaptation to Perceived and Imagined Facial Gender</b> [1P2M058]
15:00	<i>Koji Mizukoshi, Maya Hongo, Motonori Kurosumi and Miyuki G. Kamachi</i> <b>Influence of viewpoints on facial age perception with eye movement analysis during making a judgment</b> [1P2M060]
15:00	<i>Motonori Kurosumi, Maya Hongo, Jiro Yabuzaki, Koji Mizukoshi and Miyuki G. Kamachi</i> <b>Influence of facial skin movement and viewpoints on age perception</b> [1P2M062]
15:00	<i>Tobias Matthias Schneider and Claus-Christian Carbon</i> <b>On the genesis and processing of facial representations and prototypes</b> [1P2M064]
15:00	<i>Coline Jeantet, Vincent Laprevote, Raymund Schwan, Joëlle Lighezzolo-Alnot and Stéphanie Caharel</i> <b>Influence of spatial frequencies on early stages of face processing: an event-related potentials study</b> [1P2M066]
15:00	<i>Chun-Man Chen and Sarina Hui-Lin Chien</i> <b>An encoding advantage for own-race faces in Taiwanese participants: A morphing face study</b> [1P2M068]
15:00	<i>Annabelle Redfern and Christopher Benton</i> <b>Help or hindrance: do facial expressions facilitate identification?</b> [1P2M070]
15:00	<i>Friederike G S Zimmermann, Aliette Lochy, Renaud Laguesse, Verena Willenbockel, Bruno Rossion and Quoc C Vuong</i> <b>Facellkeness mediates individual-level discrimination for novel objects: Evidence from extensive training</b> [1P2M072]
15:00	<i>Yoshie Kiritani, Yurina Komuro, Akane Okazaki, Runiko Takano and Noriko Okubo</i> <b>Color induction in the face using eyeshadows of desaturated colors</b> [1P2M074]
15:00	<i>Louise Neil, Giulia Cappagli, Themis Karaminis, Rob Jenkins and Elizabeth Pellicano</i> <b>Recognising the same face in different contexts: Testing within-person face recognition in typical development and in autism</b> [1P2M076]
15:00	<i>Frances Wilkinson, Alexandra Harrington, Linda Lillikas, Eleni Kelly, Jong-Jin Kim, Natalie Slevat and Yousra Haque</i> <b>Cues to Gender in Children's Faces</b> [1P2M078]
15:00	<i>Guillaume Rousselet, Hannah Gilman, Robin Ince and Philippe Schyns</i> <b>The face N170 is mostly sensitive to pixels in the contralateral eye area</b> [1P2M080]
15:00	<i>Kristin Koller, Christopher Hatton and Robert Rafal</i> <b>Unmasking backward masking of emotional faces</b> [1P2M082]
15:00	<i>Harald R. Bliem</i> <b>Further experimental investigations into perception and recognition of two-colour pictures of faces at isoluminance</b> [1P2M084]
15:00	<i>Fraser Smith and Stephanie Rossit</i> <b>Detection and Recognition of Emotional Facial Expressions in Peripheral Vision</b> [1P2M086]

15:00	Mladen Sormaz, William Smith, Timothy J. Andrews and Andrew W. Young <b>Contributions of feature shape and surface cues to facial expression perception</b> [1P2M088]
15:00	Koyo Nakamura and Hideaki Kawabata <b>Preconscious processing of facial attractiveness under continuous flash suppression</b> [1P2M090]
15:00	Ellen Poliakoff, Olivia Carefoot, Peter Kyberd and Emma Gowen <b>Investigating the relationship between human-likeness and eeriness for prosthetic hands</b> [1P2M092]
15:00	Tatjana Mentus and Slobodan Markovic <b>Testing the effects of the familiarity and symmetry in facial attractiveness</b> [1P2M094]
15:00	Takahiro Kirita <b>Angry faces do not have privileged access to awareness: Evidence from the attentional blink paradigm</b> [1P2M096]
15:00	Emily E. Butler, Christopher W. N. Saville, Robert Ward and Richard Ramsey <b>Staring nervous system stability in the face: reaction time variability predicts attractiveness.</b> [1P2M098]
15:00	Rui Liu, Wen Zhou and Yi Jiang <b>Compressed subjective duration of social interactions mediated by oxytocin</b> [1P2M100]
15:00	Simone Deibel, Fabian Gebauer and Claus-Christian Carbon <b>Investigating visual stimuli processing under mortality salience on a microgenetic level</b> [1P2M102]
15:00	Yue Yue <b>Threatening stimuli do not narrow attentional scope</b> [1P2M104]
15:00	Richard Jacobs, Yağmur Güçlütürk and Rob van Lier <b>What you need is what you like - knowing target and distractor categories is sufficient for distractor devaluation</b> [1P2M106]
15:00	Christel Devue, Laura Kranz, David Carmel, Rosie Moody and Gina Grimshaw <b>Attentional control of positive and negative visual emotional distraction</b> [1P2M108]
15:00	Enric Munar Roca, Gerardo Gómez-Puerto, Marcos Nadal and Josep Call <b>Do Great Apes also Prefer Curved Visual Objects?</b> [1P2M110]
15:00	Paul Knox, Giulia Rampone and Marco Bertamini <b>Oculomotor inhibition and the preference rating of abstract visual patterns</b> [1P2M112]
15:00	Katsuhisa Kawaguchi, Stéphane Clerly, Paria Pouriahi and Hendrikje Nienborg <b>Pupil size is a sensitive indicator of motivation-driven modulation of arousal in the macaque in a visual discrimination task</b> [1P2M114]
15:00	Johannes M Zanker, Tim Holmes and Jasmina Stevanov <b>Developing perceptual scales to measure properties of aesthetic attributes</b> [1P2M116]
15:00	Nicole Ruta, Stefano Mastandrea, Stefania Lamaddalena and Giuseppe Bove <b>Varying curvature and angularity of architectural façades can influence aesthetic preferences</b> [1P2M118]
15:00	Marius Hans Raab, Stefan A. Orlieb, Fabian Gebauer, Jennifer Ettner and Claus-Christian Carbon <b>Vita brevis, kitsch longae—When death was salient, kitsch appears less kitschy</b> [1P2M120]
15:00	Olivier Penacchio, Xavier Otazu, Arnold Wilkins and Julie Harris <b>Uncomfortable images prevent lateral interactions in the cortex from providing a sparse code</b> [1P2M122]
15:00	Galina Paramai, Anna Kirpichnikova, Stewart Blakeway, Andrew Foulkes and Philippe Chassy <b>Computational analysis of visual complexity and aesthetic appraisal reflected in eye-tracking data</b> [1P2M124]
15:00	Eriko Matsumoto <b>The attentional capture by emotional distractor faces differed between adult's and children's facial expression.</b> [1P2M126]
15:00	Carol Macgillivray <b>The D-Scope®: Beyond Veridicality</b> [1P2M128]
15:00	Sabine Albrecht, Alexander Pastukhov and Claus-Christian Carbon <b>Startling fluency? Testing effects of processing fluency on affect-modulated startle</b> [1P2M130]
15:00	Andreas Gartsus, Jadwiga Takacs and Helmut Leder <b>Predicting perceived visual complexity using objective image properties and eye-movement measurements</b> [1P2M132]
15:00	Timothy L. Hubbard and Susan E. Ruppel <b>Representational Space of Cave Paintings and Petroglyphs</b> [1P2M134]
15:00	Dragan Jankovic <b>The effect of repeated exposure of abstract visual patterns on aesthetic preference in children and adults</b> [1P2M136]
15:00	Benedikt Emanuel Wirth and Dirk Wentura <b>The influence of teeth-exposure on attentional bias to angry faces in the dot-probe task</b> [1P2M138]

## 16:00-18:00 Session 8A: Attention: brain mechanisms

CHAIR:

LOCATION: A

16:00	Luke Palmer, D. Samuel Schwarzkopf, Christina Moutsiana and Nilli Lavie <b>Perceptual load degrades population orientation tuning in early visual cortex</b> [1T3A001]
16:15	Jason Satel, Vivian Eng, Su Ren Gan and Si Mon Kwon <b>Do early sensory P1 event-related potential modulations actually reflect oculomotor inhibition of return?</b> [1T3A002]
16:30	Joyce Vromen, Stefanie Becker, Roger Remington and Jason Mattingley <b>Goal-directed orienting and target-set maintenance in the fronto-parietal attention network.</b> [1T3A003]
16:45	Anna Grubert, Nancy Carlisle and Martin Eimer <b>Effects of constant and variable target colours in one-, two-, and three-colour search</b> [1T3A004]
17:00	Deborah Aphorip, Tara Spokes, Rhiannon Jeans and Rodney Croft <b>The role of alpha oscillations in the Attentional Blink</b> [1T3A005]
17:15	Josef G. Schönhammer, Anna Grubert, Dirk Kerzel and Stefanie I. Becker <b>The influence of context on visual selectivity as indexed by the N2pc</b> [1T3A006]
17:30	John Towler and Martin Eimer

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**The focus of spatial attention during encoding determines the capacity and precision of visual face memory**  
[1T3A007]

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17:45 *Louisa Kulke, Janette Atkinson and Oliver Braddick*  
**Differential brain activity in overt and covert attention shifts: Evidence from co-registered eye-tracking and EEG** [1T3A008]

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**16:00-17:45 Session 8B: The changing visual system: development and ageing**

CHAIR: Warren Donnellan

LOCATION: B

16:00 *Albulena Shaqiri, Karin Pilz, Aaron Clarke, Herzig Daniela, Marina Kunchulia and Michael H Herzog*  
**Aging and Perception** [1T3B001]

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16:15 *Louise Ewing, Annette Karmiloff-Smith, Emily Farran and Marie Smith*  
**Tracking developmental shifts in facial expression processing strategies** [1T3B002]

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16:30 *Sarina Hui-Lin Chien and Chu-Lik Tai*  
**Development of the other-race effect in school-age Taiwanese children: Using a morphing face paradigm**  
[1T3B003]

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16:45 *Carlo Lai, Daniela Altavilla, Marianna Mazza, Renata Tambelli, Michela D'Argenzio, Angela Guadagno, Debora Giusti, Paola Aceto and Marco Cecchini*  
**Neural correlates of face recognition in the first hours of life** [1T3B004]

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17:00 *Richard van Wessel, Elahe Arani and Raymond van Ee*  
**The effect of age on visual decisions and consequences for models of bi-stable visual perception** [1T3B005]

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17:15 *Ayelet Sapir, Bridget Andrews and Giovanni d'Avossa*  
**Aging modifies the direction of the assumed light source** [1T3B006]

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17:30 *Matthew V. Pachai, Sherryse Corrow, Patrick J. Bennett, Jason J.S. Barton and Allison B. Sekuler*  
**Sensitivity to horizontal structure and face identification in developmental prosopagnosia and healthy aging**  
[1T3B007]

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**16:00-17:45 Session 8C: Lightness and brightness**

CHAIR: Suncica Zdravkovic

LOCATION: C

16:00 *Peter Vangorp, Karol Myszkowski, Erich Graf and Rafal Mantiuk*  
**An Empirical Model for Local Luminance Adaptation in the Fovea** [1T3C001]

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16:15 *Michael Rudd*  
**Cortical model of object-centered lightness computation explains contrast and assimilation in a luminance gradient illusion** [1T3C002]

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16:30 *Suncica Zdravkovic and Frouke Hermens*  
**Illumination layout of the scene influences visual sampling** [1T3C003]

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16:45 *Romain Bachy and Qasim Zaidi*  
**Effects of lateral interactions and adaptation on color and brightness induction** [1T3C004]

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17:00 *Alan Gilchrist*  
**Luminance and color correlations allow lightness constancy through a veiling luminance without borders**  
[1T3C005]

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17:15 *Mark McCourt and Barbara Blakeslee*  
**Coming to Terms with Lightness, Brightness, and Brightness Contrast: It's Still a Problem** [1T3C006]

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17:30 *Robert Ennis, Matteo Toscani and Karl Gegenfurtner*  
**Scotopic lightness perception** [1T3C007]

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**18:30-19:30 Session 9: CRS Lecture**

CRS Lecture Glyn Humphreys

LOCATION: A and Video link to B

18:30 *Glyn Humphreys and Jie Sui*  
**The integrative self**

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**Glyn Humphreys and Jie Sui**

Department of Experimental Psychology, University of Oxford

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***CRS Lecture - CTH Theater A and B***

Monday, 24th - 18.30-19:30

**The integrative self**

**Abstract:**

Self-reference is known to influence a wide variety of cognitive processes - from perception and attention through to memory. Here we present an over-arching account of how at least some forms of self-reference effects come about. We argue that self-reference acts to enhance integration in information processing. We present examples supporting this argument based on the effects of self reference on (i) binding memories to their source, (ii) integrating different parts into whole objects, (iii) switching associations from one stimulus to another, and (iv) integrating different processes (attention and decision making). The results suggest that self-reference provides a form of 'integrative glue' across several levels of processing.

# Tuesday, August 25th

## 09:00-11:00 Session 10A: The ageing visual system in health and disease

CHAIR: *Sophie Wuerger*

LOCATION: A

09:00	<i>Katsunori Okajima</i>	<b>Measurements and Simulations of Aging Visual System</b> [2S1A001]
09:20	<i>Zoe Kourtzi</i>	<b>Learning for flexible decisions across the lifespan</b> [2S1A002]
09:40	<i>Mark Greenlee, Katharina Rosengarth and Tina Plank</i>	<b>Neural plasticity in the visual cortex of patients with macular degeneration following perceptual learning</b> [2S1A003]
10:00	<i>Frans W Cornelissen</i>	<b>Stability and plasticity of the visual system following age-related vision loss</b> [2S1A004]
10:20	<i>Ian Grierson</i>	<b>Age changes in the aqueous humour outflow system of the eye and their relevance to primary open angle glaucoma [POAG].</b> [2S1A005]
10:40	<i>Éric Castet, Aurélie Calabrèse, Jean-Baptiste Bernard, Géraldine Faure and Louis Hoffart</i>	<b>Eye Movements and Reading Speed in Macular Disease : Influence of Fixation Clusters</b> [2S1A006]

## 09:00-11:00 Session 10B: The concept of fluency: Current streams, active models, new challenges, general limitations

CHAIR: *Claus-Christian Carbon*

LOCATION: B

09:00	<i>Claus-Christian Carbon</i>	<b>The concept of fluency: Current streams, active models, new challenges, general limitations</b> [2S1B001]
09:20	<i>Piotr Winkielman</i>	<b>Flipping Fluency: On the fascinating flexibility of fluency phenomena</b> [2S1B002]
09:40	<i>Thorsten Michael Erle, Rolf Reber and Sascha Topolinski</i>	<b>Necker's Smile: Immediate Affective Consequences of Early Perceptual Processes</b> [2S1B003]
10:00	<i>Sabine Albrecht and Claus-Christian Carbon</i>	<b>The Fluency Amplification Model [FAM]</b> [2S1B004]
10:20	<i>Slobodan Markovic</i>	<b>Factors of experience of beauty and aesthetic fascination: pleasure, interestingness, harmony and clarity</b> [2S1B005]
10:40	<i>Stefan Mayer and Jan R. Landwehr</i>	<b>The Measurement of Visual Antecedents of Processing Fluency and Aesthetic Liking</b> [2S1B006]

## 09:00-11:00 Session 10C: Frequency tagging neural dynamics of visual perception in the human brain

CHAIR: *Matthias M Müller*

LOCATION: C

09:00	<i>Bruno Rossion</i>	<b>EEG frequency-tagging of natural face images</b> [2S1C001]
09:24	<i>Matthias Mueller, Christian Keitel and Susann Szukalski</i>	<b>Temporal neural dynamics of early visual cortex activity in feature based shifts of attention</b> [2S1C002]
09:48	<i>Greg Appelbaum</i>	<b>Using EEG-frequency tagging to understand visual scene perception</b> [2S1C003]
10:12	<i>Christian Keitel and Matthias M Müller</i>	<b>Audio-visual synchrony and selective attention co-amplify early visual processing</b> [2S1C004]
10:36	<i>Andreas Keil</i>	<b>Threat versus Safety in Human Visual Cortex: How Affective Experience Impacts Perception</b> [2S1C005]

## 11:00-12:00 Session 11

Visual Attention / Colour, Lighting & Surfaces / The Oculomotor System

LOCATION: Mountford Hall

11:00	<i>Nithin George and Meera Sunny</i>	<b>Role of prediction error in selective attention</b> [2P1M001]
11:00	<i>Kana Watanabe, Tsukasa Watanabe, Saori Aida, Jun Kayano and Koichi Shimono</i>	<b>The effect of dual-task and body pitch on visual attention while viewing a video depicting ship navigation</b> [2P1M003]
11:00	<i>Vitaly Babenko, Pavel Ermakov and Denis Yavna</i>	<b>Competition for attention and spatial frequencies</b> [2P1M005]
11:00	<i>Merle-Marie Ahrens, Domenica Veniero, Monika Harvey and Gregor Thut</i>	<b>Spatial extrapolation versus temporal entrainment of reflexive attention by apparent motion stimuli are governed by separate mechanisms</b> [2P1M007]
11:00	<i>Orit Baruch and Liat Goldfarb</i>	<b>Attentional modulation of visual acuity has the shape of a Mexican Hat: implications to a bottom-up process</b> [2P1M009]
11:00	<i>Frouke Hermens, Markus Bindemann and A. Mike Burton</i>	<b>Responding to social and symbolic extrafoveal cues: Cue shape trumps social status</b> [2P1M011]
11:00	<i>Michael Jenkins, Anna Grubert and Martin Eimer</i>	<b>Rapid and Parallel Allocation of Attention to Categories</b> [2P1M013]

11:00	<i>W. Joseph MacInnes and Hannah Marie Krüger</i>	<b>The timing, but not the time, of IOR [2P1M015]</b>
11:00	<i>Manje Brinkhuis, Årni Kristjánsson and Jan W Brascamp</i>	<b>Priming of visual search and priming of bistable perception: Do they rely on shared mechanisms? [2P1M017]</b>
11:00	<i>Meera Sunny, Jaison Manjaly and Neeraj Kumar</i>	<b>Attention capture as a function of prediction error [2P1M019]</b>
11:00	<i>Brian Sullivan, Harm Brouwer and Pia Knoefele</i>	<b>Visual attention during linguistic-visual conflicts [2P1M021]</b>
11:00	<i>José P. Ossandón, Tim C. Kietzmann, Silja Timm and Peter König</i>	<b>A Direct Electrophysiological Demonstration of Object Based Sensory Processing [2P1M023]</b>
11:00	<i>Michał Wierzbach, Marta Siedlecka and Borysław Paulewicz</i>	<b>Perceptual identification influences visibility ratings [2P1M025]</b>
11:00	<i>Rebecca Nako, Anna Grubert and Martin Eimer</i>	<b>Is category a feature? Parallel guidance of attention by object features and categories [2P1M029]</b>
11:00	<i>Britt Anderson</i>	<b>Attention Does and Does Not Alter Contrast Appearance [2P1M031]</b>
11:00	<i>Satoko Ohtsuka and Reishi Kogure</i>	<b>Interference mechanisms revealed by the temporal characteristics: Stroop and Simon effects study [2P1M033]</b>
11:00	<i>Helen C. Knight, Daniel T. Smith and Amanda Ellison</i>	<b>The Role of the Left Dorsolateral Prefrontal Cortex in Attentional Bias; a tDCS Study [2P1M035]</b>
11:00	<i>Jan Drewes, Evelyn Muschter, Weina Zhu and David Melcher</i>	<b>Detection of brief visual events: an MEG study [2P1M037]</b>
11:00	<i>Susann Szukalski, Sabrina Walter and Matthias M. Müller</i>	<b>Attentional modulation of steady-state visual evoked potentials (SSVEPs) in human visual cortex (HVC) scales according to the stimulus rank when attending to colors [2P1M039]</b>
11:00	<i>Mika Koivisto and Simone Grassini</i>	<b>Subjective visual awareness correlates with neural activity around 200 ms [2P1M041]</b>
11:00	<i>Alena Kulikova and Joseph MacInnes</i>	<b>The early bird doesn't get the ANT [2P1M043]</b>
11:00	<i>Karol Wereszczynski, Marius Usher and Andrew Parton</i>	<b>Influence of alpha frequency photic driving on visual detection thresholds [2P1M045]</b>
11:00	<i>Mike Long, Gary Burnett, Robert Hardy and Harriet Allen</i>	<b>Full windscreen Head-up Displays; the effects of dual-task processing and image contrast [2P1M047]</b>
11:00	<i>Laura Bartlett, Wendy Adams and Erich Graf</i>	<b>The effect of attention on the motion aftereffect. [2P1M049]</b>
11:00	<i>Chen Yen-Wen, Yung-Hao Yang and Su-Ling Yeh</i>	<b>Unconscious semantic processing under continuous flash suppression [2P1M051]</b>
11:00	<i>Endel Pöder</i>	<b>Local and global limitations in visual search [2P1M053]</b>
11:00	<i>Igor Utochkin, W. Joseph MacInnes and Yulia Stakina</i>	<b>The dead zone of attention has no link to eye movements [2P1M055]</b>
11:00	<i>Claus-Christian Carbon and Vera M Hesslinger</i>	<b>Testing several hypotheses for dissociate colour perception on #TheDress [2P1M057]</b>
11:00	<i>Diana Su Yun Tham, Paul Sowden, Alexandra Grandison, Anna Franklin, Anna Lee and Michelle Ng</i>	<b>A systematic investigation of colour and concept associations [2P1M059]</b>
11:00	<i>David Rose</i>	<b>If That Dress isn't really blue and black, then does it even exist? [2P1M061]</b>
11:00	<i>John Maule, Elizabeth Pellicano and Anna Franklin</i>	<b>Colour perception and cognition in adults with autism spectrum disorders [2P1M063]</b>
11:00	<i>Tushar Chauhan, Kaïda Xiao and Sophie Wuerger</i>	<b>Colour discrimination thresholds for calibrated skin images [2P1M065]</b>
11:00	<i>Stacey Aston, James Groombridge, Bradley Pearce and Anya Hurlbert</i>	<b>Thresholds for colour constancy measured via illumination discrimination depend on adaptation point [2P1M067]</b>
11:00	<i>Patricia Dore, Ardian Dumani and Alex Shepherd</i>	<b>Colour discrimination, coloured backgrounds and global and local shape perception [2P1M069]</b>
11:00	<i>Kaïda Xiao, Julian Yates and Sophie Wuerger</i>	<b>Skin colour appearance as a function of ethnicity [2P1M071]</b>
11:00	<i>Rossana Actis-Grosso and Daniele Zavagno</i>	<b>The effect of coloured environment on the perception of different objects [2P1M073]</b>
11:00	<i>Sabine Raphael, J. D. Mollon and Gabriele Jordan</i>	<b>Colour Matching functions in women heterozygous for anomalous trichromacy [2P1M075]</b>
11:00	<i>Sophie Wuerger, Anya Hurlbert and Christoph Witzel</i>	<b>Variation of subjective white-points along the daylight axis and the colour of the dress [2P1M077]</b>
11:00	<i>Kenneth Brecher</i>	<b>The Dichopter [2P1M079]</b>
11:00	<i>Lingyun Huang, Xuelian Zang, Thomas Geyer, Hermann Müller and Zhuanghua Shi</i>	<b>Influences of display contrast on contextual cueing [2P1M081]</b>
11:00	<i>Alessandro Benedetto, David Burr, Donatella Spinelli and Maria Concetta Morrone</i>	<b>Rhythmic modulation of human visual sensitivity depends on luminance [2P1M083]</b>
11:00	<i>Rumi Tokunaga, Hirotaka Urahe and Hiroyuki Shinoda</i>	<b>The perception of shadows and the apparent brightness in the space [2P1M085]</b>
11:00	<i>Zahide Pamir and Hüseyin Boyacı</i>	<b>The Effect of Context-dependent Brightness on Contrast Perception [2P1M087]</b>

11:00	Shogo Yamada, Yasuhiro Seya and Hiroyuki Shinoda <b>Brightness perception for a room with a scenic view through the window</b> [2P1M089]
11:00	Fujimoto Yusuke, Hiroyuki Shinoda and Yasuhiro Seya <b>Degradation of display image due to glare of ambient light evaluated by visibility matching and degradation category rating</b> [2P1M091]
11:00	Greta Vilidaitė, Natasha Gutmanis, Samantha Harris, Rebecca Kitching, Hollie Melton, Roseanna Norman, Christina Scott, Anika Smith, Kirstie Wailes-Newson and Daniel Baker <b>Estimating inter-observer variability in GABA-ergic suppression</b> [2P1M093]
11:00	Jenny Bosten, Laura Smith and John Mollon <b>Speed and superimposed chromatic gratings</b> [2P1M095]
11:00	Nick Schlüter and Franz Faul <b>The role of background distortion for material matches of transparent objects</b> [2P1M097]
11:00	Chia-Ching Wu and Chien-Chung Chen <b>Background texture size statistics modulates perceived target size nonlinearly</b> [2P1M099]
11:00	Alice C Chadwick, George Cox, Jonathan P Oliver, Hannah E Smithson and Robert W Kentridge <b>Interactions in the Perceptions of Light Absorption and Scattering</b> [2P1M101]
11:00	Rob Lee and Hannah Smithson <b>Glossy surfaces enable perceptual separation of gradual changes in lighting and reflectance</b> [2P1M103]
11:00	Junyu Dong, Lina Wang, Jun Liu, Yanhai Gan and Xin Sun <b>Predicting Fractal Model Parameters in Accordance with Perceptual Descriptions</b> [2P1M105]
11:00	Laszlo Talas, Roland Baddeley, Nicholas Scott-Samuel and Innes Cuthill <b>Looking through the camouflageur's eye: what makes a camouflage pattern Woodland?</b> [2P1M107]
11:00	Joel Martin and Stephen Johnston <b>Fixation-Aligned Pupillary Response Averaging: How many Targets can you "C"? </b> [2P1M109]
11:00	Felicity Wolohan and Paul Knox <b>Impulsivity and the Generation of Express Saccades</b> [2P1M111]
11:00	Therese Gilligan, Filipe Cristino, Robert Rafal and Janet Bultitude <b>The role of ocular proprioception in prism adaptation</b> [2P1M113]
11:00	Barbara Dillenburger and Michael Morgan <b>Inflight Correction of Saccadic Eye Movements – no time for cortex.</b> [2P1M115]
11:00	Julia Förster and Michael Morgan <b>Motion induced position shift in perception and eye movements</b> [2P1M117]
11:00	Mario Dalmaso, Luigi Castelli and Giovanni Galfano <b>Voluntary saccades in the presence of task-irrelevant eye-gaze conveyed by White and Black individuals</b> [2P1M119]
11:00	Omar I. Johannesson, Theodora A. Thoroddsen and Arni Kristjánsson <b>The interaction between stimulus properties and saccadic parameters</b> [2P1M121]
11:00	Maria Elena Iannoni, Marco Cecchini, Anna Lucia Pandolfo, Paola Aceto and Carlo Lai <b>Brain responses to the perception of dyadic gaze interactions: the role of adult attachment</b> [2P1M123]
11:00	Pavel Orlov, Marina Chernishova and Vladimir Ivanov <b>Model of eye movements that predicts errors in routine tasks</b> [2P1M125]
11:00	Szonya Durant, Tim Holmes and Johannes Zanker <b>The effect of different types of eye movements on optic flow information during walking</b> [2P1M127]
11:00	Takeshi Kohama, Makoto Nishino and Hisashi Yoshida <b>A simulation study of the effects of fixation eye movements on retinal responses</b> [2P1M129]
11:00	Junji Ito, Yukako Yaname, Ichiro Fujita, Hiroshi Tamura and Sonja Grün <b>Distinct Scan Modes in Monkey's Free Viewing of Natural Images and Related Neuronal Activities</b> [2P1M131]

### 13:30-15:00 Session 12A: Motion

CHAIR: George Mather

LOCATION: A

13:30	Luigi Cuturi and Paul MacNeilage <b>Optic flow induces crossmodal aftereffects in self-motion perception</b> [2T2A001]
13:45	Hanspeter Mallot, Florian Ott, Ladina Pohl, Marc Halfmann and Gregor Hardless <b>No integration of optic flow and stereoscopic depth in the perception of ego-acceleration</b> [2T2A002]
14:00	Leonid Fedorov and Martin Giese <b>Influence of shading on biological motion perception: illusion and model</b> [2T2A003]
14:15	Hugh R. Wilson and Jeffrey Fung <b>Effect of motion discontinuities on discrimination of periodic trajectories</b> [2T2A004]
14:30	Ying Wang, Xue Zhang, Dong Liu, Qian Xu and Yi Jiang <b>Prolonged microgravity alters the perceptual and neural responses to visual gravitational motion cues</b> [2T2A005]
14:45	Eli Brenner, Inés Abalo, Victor Estal and Jeroen B.J. Smeets <b>Practice rather than observation allows us to quickly learn to cope with acceleration when intercepting moving objects</b> [2T2A006]

### 13:30-15:00 Session 12B: Perceptual organisation, objects and shapes

CHAIR: Heiko Hecht

LOCATION: B

13:30	John D. Wilder, Ingo Fründ and James H. Elder <b>Frequency tuning of shape discrimination revealed by classification image analysis.</b> [2T2B001]
13:45	Nicole Jardine and Cathleen Moore <b>Are saccades sensitive to the perceptual organization of surface structure?</b> [2T2B002]
14:00	Edward Vul and Timothy Lew <b>How visual working memory exploits environmental structure.</b> [2T2B003]

14:15	<i>Christoph Teufel, Steven Dakin and Paul Fletcher</i> <b>Object Knowledge Shapes Properties of Early Feature-Detectors by Top-Down Modulation</b> [2T2B004]
14:30	<i>Gregor Volberg and Mark W. Greenlee</i> <b>Brain networks for visual perceptual groupings</b> [2T2B005]
14:45	<i>Rüdiger von der Heydt and Anne B Martin</i> <b>Spike synchrony reveals emergence of proto-objects in visual cortex</b> [2T2B006]

**13:30-15:00** Session 12C: Peripheral vision, binocular vision and crowding

CHAIR:

LOCATION: C

13:30	<i>Yaffa Yeshurun, Shira Tkacz-Domb and Einat Rashal</i> <b>Temporal crowding and the effects of spatial attention</b> [2T2C001]
13:45	<i>Erik Van der Burg, Christian N.L. Olivers and John Cass</i> <b>Evolving the keys to visual crowding</b> [2T2C002]
14:00	<i>Josephine Reuther and Ramakrishna Chakravarthi</i> <b>Higher-level effects in crowding falter when low-level attributes are controlled for</b> [2T2C003]
14:15	<i>Daniel Coates, Johan Wagemans and Bilge Sayim</i> <b>Portraying the periphery: studying peripheral vision with drawing tasks</b> [2T2C004]
14:30	<i>John A. Greenwood, Xuan K. Lee, Yishi Liu and Samuel G. Solomon</i> <b>Task-specific population coding determines the perception of position</b> [2T2C005]
14:45	<i>Keith May and Li Zhaoqing</i> <b>Tilt aftereffect generated by isotropic adaptation stimuli: A counterintuitive prediction of Li and Atick's efficient binocular coding theory</b> [2T2C006]

**15:00-16:00** Session 13

Visual Attention / Colour, Lighting & Surfaces / The Oculomotor System

LOCATION: Mountford Hall

15:00	<i>Simily Sabu, Meera Sunny and Neeraj Kumar</i> <b>Attentional Blink is modulated by Response Selection at T1</b> [2P2M002]
15:00	<i>Søren K Andersen, Roy Allen and Jennifer Mattschesy</i> <b>Are some targets tracked more than others? Investigating the role of multifocal attention in Multiple Identity Tracking using frequency-tagging</b> [2P2M004]
15:00	<i>Daniel Smith, Robert Swallow and Thomas Schenk</i> <b>A neuropsychological dissociation between attentional facilitation and inhibition of objects</b> [2P2M006]
15:00	<i>Manuel Rausch and Michael Zehetleitner</i> <b>What to consider with subjective measures of conscious awareness</b> [2P2M008]
15:00	<i>Arni Kristjánsson and Lilja Jónsdóttir</i> <b>Priming of visual search reflects facilitated attention shifts: Evidence from object substitution versus metacontrast masking</b> [2P2M010]
15:00	<i>Robert Swallow and Daniel Smith</i> <b>Is the object or location inhibited when IOR is found in faces? Evidence from a dynamic visual orienting task.</b> [2P2M012]
15:00	<i>Karina Linnell and Serge Caparos</i> <b>The attentional blink predicts divided attention, selective attention, and alertness</b> [2P2M014]
15:00	<i>Lauri Oksama, Lauri Nummenmaa and Jukka Hyönä</i> <b>Neural circuits for dynamic tracking of object identity and location</b> [2P2M016]
15:00	<i>Andrea Frielink-Loing, Arno Koning and Rob van Lier</i> <b>Anisotropic versus isotropic distribution of attention in object tracking: disentangling influences of overt and covert attention</b> [2P2M018]
15:00	<i>Zeeshan Syed, James S. P. Macdonald and Karina J. Linnell</i> <b>Pupillometric vs. EEG measures of Attentional State: A Timeseries Comparison</b> [2P2M020]
15:00	<i>Bettina Rolke, Verena C. Seibold and Robert Langner</i> <b>Temporal attention modulates target selection among distractors: Evidence from a flanker compatibility task</b> [2P2M022]
15:00	<i>Daniel B. Dodgson and Jane E. Raymond</i> <b>Value Associations Enhance Preparatory Top-Down Attentional Control and Attentional Suppression</b> [2P2M024]
15:00	<i>Zorana Zupan, Derrick Watson and Elisabeth Blagrove</i> <b>Visual marking: Time-based visual selection with illusory stimuli</b> [2P2M026]
15:00	<i>Tomoya Kawashima and Eriko Matsumoto</i> <b>Effects of probability instruction on attention and maintenance of working memory representations in visual search</b> [2P2M028]
15:00	<i>Takahiro Shinkai, Tetsuto Minami and Shigeki Nakauchi</i> <b>Influence of crossing hemifields in Multiple Object Tracking</b> [2P2M030]
15:00	<i>Massimiliano Papera and Anne Richards</i> <b>Processing capacity limits in the early stages of visual processing are associated with neglect of unexpected visual stimuli</b> [2P2M032]
15:00	<i>Masamitsu Harasawa, Moe Nagahata and Hiroshi Ishikane</i> <b>Expecting higher attentional load affected orienting 'what' and 'where' visual attention: a bimodal brain imaging study with fNIRS and EEG</b> [2P2M034]
15:00	<i>Weina Zhu, Jan Drewes and David Melcher</i> <b>Time for awareness: mask temporal frequency determines continuous flash suppression effectiveness</b> [2P2M036]
15:00	<i>Laura Dugué, Maniel Roberts and Marisa Carrasco</i> <b>Occipital TMS modulates the effect of attention on contrast sensitivity</b> [2P2M038]

15:00	Jane Jacob, Christianne Jacobs, Bruno Breitmeyer and Juha Silvanto <b>Role of Attention in the Temporal Dynamics of Post-Iconic Visual Memory Stores [2P2M040]</b>
15:00	Shih-Yu Lo, Patrick Goodbourn and Alex Holcombe <b>Can we select multiple colours simultaneously? Evidence for serial processing from left to right [2P2M042]</b>
15:00	Isabel Dombrowe <b>The effects of distractor salience on target detection sensitivity [2P2M044]</b>
15:00	Joe Butler, Filipe Cristino, Ayelet Sapir and Giovanni d'Avossa <b>Effects of voluntary attention and priming target and distractor effects on overt and covert orienting. [2P2M046]</b>
15:00	Neil Harrison and Rob Woodhouse <b>Crossmodal modulation of auditory attention by visual emotional cues: The role of attentional engagement and disengagement [2P2M048]</b>
15:00	Hisashi Yoshida and Takeshi Kohama <b>Analysis of pupil response and event-related potential during a fast-paced cognitive and attention task [2P2M050]</b>
15:00	Anna Schubö and Tobias Feldmann-Wüstefeld <b>Attention deployment in visual contexts of varying homogeneity [2P2M052]</b>
15:00	Luke Tudge and Torsten Schubert <b>Salience from multiple feature contrast: Evidence from saccade trajectories [2P2M054]</b>
15:00	Arash Akbarinia and C. Alejandro Parraga <b>Biologically plausible colour naming model [2P2M056]</b>
15:00	Nicola Bruno, Gioacchino Garofalo and Vera Ferrari <b>Red affects reaction times and hit rates in a 2AFC orientation discrimination task [2P2M058]</b>
15:00	Akiyoshi Kitaoka <b>Color constancy and the vein color illusion [2P2M060]</b>
15:00	Lewis Forder, Xun He and Anna Franklin <b>Colour categories are reflected in sensory stages of colour perception when stimulus issues are resolved [2P2M062]</b>
15:00	Shino Okuda and Katsunori Okajima <b>Temporal variation of chromatic response during color adaptation [2P2M064]</b>
15:00	Mandy V. Bartsch, Sarah E. Donohue, Mircea A. Schoenfeld and Jens-Max Hopf <b>Separating explicit and implicit biasing mechanisms of global color-based selection in human visual cortex [2P2M066]</b>
15:00	Naoki Kurita, Hiroyuki Shinoda and Yasuhiro Seya <b>Color management system for identical color appearance across different illuminations [2P2M068]</b>
15:00	Christoph Witzel and Kevin O'Regan <b>The most reasonable explanation of the dress: Implicit assumptions about illumination [2P2M070]</b>
15:00	Ivana Jakovljević and Sunčica Zdravković <b>Verbal vs. visual coding in the simultaneous color discrimination task [2P2M072]</b>
15:00	Givago Souza, Railson Salomao, Diego Guimaraes, Barbara Risuenho, Isabelle Christine Martins and Luiz Carlos Silveira <b>Comparison of visual evoked cortical potential generated by chromatic gratings and pseudoisochromatic stimuli [2P2M074]</b>
15:00	Anya Hurlbert, Stacey Aston, Pearce Bradley and May Noonan <b>"The dress" phenomenon: peculiar to the photograph, or present for the real dress? [2P2M076]</b>
15:00	Thiago Costa, Dora Ventura, Paulo Sérgio Boggio, Luiz Carlos Silveira and Givago Souza <b>Differences between alpha, beta and gamma oscillations in the processing of chromatic and achromatic gratings. [2P2M078]</b>
15:00	Malgorzata Perz, Dragan Sekulovski and Ingrid Vogels <b>Modeling visibility of periodic and aperiodic flicker [2P2M080]</b>
15:00	Antonio Schettino, Andreas Keil, Emanuele Porcu and Matthias Müller <b>Neuronal Chronometry of Emotional Attention: Early Interactive Effects of Brightness and Emotion. [2P2M082]</b>
15:00	Stephanie L. Acaster, Alessandro Soranzo, John Reidy and Naira A. Taroyan <b>The effects of depth separation on lightness contrast and lightness assimilation [2P2M084]</b>
15:00	Kazim Hilmi Or <b>The eye physiology: Why don't we have glare from all light sources in our visual field? [2P2M086]</b>
15:00	Pearce Bradley, Stacey Aston, Gabriele Jordan and Anya Hurlbert <b>Peripheral brightness perception is influenced by cone-silent modulations [2P2M088]</b>
15:00	Yuta Suzuki, Takahiro Shinkai, Tetsuto Minami and Shigeki Nakauchi <b>Investigation of brightness perception with glare illusion by SSVEP [2P2M090]</b>
15:00	David Kane and Marcelo Bertalmio <b>Dynamic range, light scatter in the eye and perceived image quality [2P2M092]</b>
15:00	Marcelo Costa and Adsson Magalhães <b>Power Law of Brightness on Different Edge Filtering [2P2M094]</b>
15:00	Jan Jaap R. van Assen and Roland W. Fleming <b>Effects of optical appearance on the perception of liquids [2P2M096]</b>
15:00	Charlotte Falkenberg and Franz Faul <b>The effect of background and presentation mode on transparent layer constancy [2P2M098]</b>
15:00	Alison Chambers and Neil Roach <b>Flexible spatial frequency tuning indicates multiple mechanisms of surround suppression [2P2M100]</b>
15:00	Sae Kaneko and Stuart Anstis <b>Spatial frequency shifts from flicker and from simultaneous contrast [2P2M102]</b>
15:00	Jun Liu, Yaxin Shi, Junyu Dong and Lin Qi <b>Understanding Relationships between Perceptual Texture Features [2P2M104]</b>

15:00	<i>Abbas Khani, Faiz Mustafar and Gregor Rainer</i> <b>Polarity based temporal contrast sensitivity functions in human subjects and tree shrews (Tupaia belangeri)</b> [2P2M106]
15:00	<i>Ekaterina A. Gordienko and W. Joseph MacInnes</i> <b>Saccadic Suppression of Displacement for Moving Targets</b> [2P2M108]
15:00	<i>Michele Furlan, Andrew T. Smith and Robin Walker</i> <b>A functional MRI study of the contralateral mapping of activity associated with saccade preparation and execution in the human superior colliculus.</b> [2P2M110]
15:00	<i>Mai Helmy, Felicity Wolohan and Paul Knox</i> <b>How common are “express saccade makers”? Moving beyond Europe and simple East/West comparisons.</b> [2P2M112]
15:00	<i>Nuno De Sá Teixeira</i> <b>Disentangling the effect of eye movements on representational momentum and representational gravity: a Fourier decomposition approach</b> [2P2M114]
15:00	<i>Yusuke Sato, Shuko Torii and Masaharu Sasaki</i> <b>Gaze shifting patterns in gymnasts during a jump with full turn</b> [2P2M116]
15:00	<i>Margit Höfler, Iain Gilchrist, Anja Ischebeck and Christof Körner</i> <b>Does visuo-spatial short-term memory load interfere with Inhibition of Saccadic Return?</b> [2P2M118]
15:00	<i>Timothy N. Volonakis, Innes C. Cuthill, Nicholas E. Scott-Samuel and Roland J. Baddeley</i> <b>How does the eye movement system represent visual texture?</b> [2P2M120]
15:00	<i>Anna Izmalkova and Irina Blinnikova</i> <b>Eye movement correlates of cognitive strategies in foreign language vocabulary learning</b> [2P2M122]
15:00	<i>Wolf Harmening, Kavitha Rathnam, Austin Roorda and Niklas Domdei</i> <b>Limits of spatial vision in the presence and absence of fixational eye movements</b> [2P2M124]
15:00	<i>Arthur Portron and Jean Lorenceau</i> <b>Effect of mask characteristics on pursuit eye movement during target disappearance</b> [2P2M126]
15:00	<i>Yannik T. H. Schelske and Tandra Ghose</i> <b>Can Eye Movement Features for User Identification Also Be Used for Grouping Cue Classification?</b> [2P2M128]
15:00	<i>Doris Braun, Alexander Schuetz and Karl Gegenfurtner</i> <b>Visual sensitivity during smooth pursuit and saccadic eye movements</b> [2P2M130]
15:00	<i>Vasco M. N. de Almeida, Jorge L. A. Santos, João M.M. Linhares and Sérgio M.C. Nascimento</i> <b>Predicting hue scaling for abnormal color vision with perceptual models of color deficient vision</b> [2P2M132]
15:00	<i>Sérgio M.C. Nascimento, João M.M. Linhares, Catarina A. R. João, Kinjiro Amano, Cristina Montagner, Maria J. Melo, Márcia Vilarigues, Maria Helena de Freitas, Catarina Alfaro and Ana Bailão</i> <b>The preferred chromatic composition of unfamiliar paintings is similar to original</b> [2P2M134]

#### **16:00-17:45 Session 14A: Perception and action**

CHAIR: *Nicola Bruno*

LOCATION: A

16:00	<i>Elizabeth Lewis, Ellen Poliakoff, Luke Jones and Emma Gowen</i> <b>The rubber hand illusion: long term effects and interoceptive training</b> [2T3A001]
16:15	<i>Elizabeth Collier and Rebecca Lawson</i> <b>The role of action capacity in perceiving affordances and spatial properties</b> [2T3A002]
16:30	<i>Alasdair I. Ross, Thomas Schenk, Mary J. Macleod and Constanze Hesse</i> <b>Residual visual processing in hemianopia: The role of conscious vision in obstacle avoidance</b> [2T3A003]
16:45	<i>Joan Lopez-Moliner</i> <b>Do we use temporal errors in interceptive timing?</b> [2T3A004]
17:00	<i>Thomas Schmidt, Valerie Hauch and Filipp Schmidt</i> <b>Mask-triggered thrust reversal in the Negative Compatibility Effect</b> [2T3A005]
17:15	<i>Diana Tonin, Ethan Knights and Stephanie Rossit</i> <b>Does experience shape the lower visual field advantage for action?</b> [2T3A006]
17:30	<i>Vivian C. Paulun, Gavin Buckingham, Karl R. Gegenfurtner, Roland W. Fleming and Melvyn A. Goodale</i> <b>Inversion of the Material-Weight Illusion in objects made of two materials</b> [2T3A007]

#### **16:00-17:45 Session 14B: Clinical vision**

CHAIR: *Paul Knox*

LOCATION: B

16:00	<i>Kevin Brooks, Ian Stephen, Alexa Murley, Jonathan Mond and Dick Stevenson</i> <b>Representation of Body Size for Self and Other: simple-, cross- and contingent adaptation</b> [2T3B001]
16:15	<i>Sara Finocchietti, Giulia Cappagli and Monica Gori</i> <b>Audio-motor recalibration in blind</b> [2T3B002]
16:30	<i>Veith Weilnhammer, Kiley Seymour and Philipp Sterzer</i> <b>Contextual Modulation of Effective Connectivity in Primary Visual Cortex in Schizophrenia</b> [2T3B003]
16:45	<i>Matthew Cranwell, Deborah Riby, Ann Le Couteur, Bradley Pearce and Anya Hurlbert</i> <b>“Lush” or “slime”? Atypical colour naming in Williams Syndrome</b> [2T3B004]
17:00	<i>Daniel Baker, Anika Smith and Alex Wade</i> <b>Increasing cortical GABA levels through dietary intervention</b> [2T3B005]
17:15	<i>Paula Regener, Scott Love, Karin Petrini and Frank Pollick</i> <b>Audiovisual temporal perception differences in autism spectrum disorder revealed by a model-based analysis</b> [2T3B006]
17:30	<i>Lynne Kiorpes, Angela Voyles, Corey Ziemba and J. Anthony Movshon</i> <b>Perceptual and neural deficits in amblyopic sensitivity to naturalistic image structure</b> [2T3B007]

#### **16:00-18:00 Session 14C: Gestalts, grouping and illusions**

CHAIR: *Dejan Todorovic*

LOCATION: C

16:00 *Heiko Hecht, S. Oliver Daum, Bernhard Both and Marco Bertamini*

**The vista paradox [2T3C001]**

16:15 *Marc M. Lauffs, Haluk Öğmen and Michael H. Herzog*

**Non-retinotopic motion: Efference copies and Predictability [2T3C002]**

16:30 *Michael Morgan*

**Cross-Orientalational Inhibition between real and virtual lines [2T3C003]**

16:45 *Dejan Todorovic and Ljubica Jovanovic*

**Size and distance as determinants of the Ebbinghaus illusion [2T3C004]**

17:00 *Aleksandra Zharikova, Sergei Gepshtein and Cees van Leeuwen*

**Limits of perceptual organization in dynamic displays [2T3C005]**

17:15 *Ruth Kimchi, Yaffa Yeshurun and Branka Spehar*

**Perceptual Organization and Visual Attention: Attentional Capture by Objecthood [2T3C006]**

17:30 *Barbara Nordhjem, Constanza Kurman Petrozzelli, Nicolas Gravel, Remco Renken and Frans W. Cornelissen*

**Fast detection yet slow recognition of emerging images [2T3C007]**

**8:00-22:00** Illusions Parade

LOCATION: Camp and Furnace

Organizers Letizia Palumbo, Giulia Rampone



# Wednesday, August 26th

## 09:00-11:00 Session 15A: Interactive social perception and action

CHAIR: *Stephan de La Rosa*

LOCATION: A

09:00 *Cristina Becchio*

**Against the Unobservability Principle [3S1A001]**

09:24 *Caroline Catmur*

**Sensorimotor learning influences understanding of others' actions [3S1A002]**

09:48 *Guenther Knoblich, Pavel Voinov and Natalie Sebanz*

**Interpersonal integration of perceptual judgments in joint object location [3S1A003]**

10:12 *Bert Timmermans, Iva Barisic, Frouke Hermens and Leonhard Schilbach*

**The influence of dyadic gaze dynamics on joint and individual decisions [3S1A004]**

10:36 *Rouwen Canal-Bruland and Stephan de La Rosa*

**From action observation to social interaction: Top-down influences on motor interactions [3S1A005]**

## 09:00-11:00 Session 15B: Brain responses to visual symmetry

CHAIR: *Marco Bertamini*

LOCATION: B

09:00 *Marco Bertamini and Alexis Makin*

**Brain Activity in Response to Visual Symmetry [3S1B001]**

09:15 *Ark Verma, Lise Van Der Haegen and Marc Brysbaert*

**Symmetry Detection in typically and atypically lateralized individuals: A visual half-field study. [3S1B002]**

09:30 *Silvia Bona, Juha Silvano and Zaira Cattaneo*

**The causal role of right lateral occipital (LO) cortex and right occipital face area (OFA) in symmetry detection: evidences from fMRI-guided TMS data [3S1B003]**

09:45 *Peter A. van der Helm*

**Symmetry interactions in perceptual organization [3S1B004]**

10:00 *Annelies Baeck, Johan Wagemans and Hans Op de Beeck*

**The emergence of symmetry in the distributed response patterns in the ventral visual stream [3S1B005]**

10:15 *Alexis Makin, Giulia Rampone and Damien Wrighit*

**The Holographic model predicts amplitude of the brain's symmetry response [3S1B006]**

10:30 *Anthony Norcia and Peter Kohler*

**Measuring symmetry responses across time and cortical area in the human brain [3S1B007]**

## 09:00-11:00 Session 15C: Clinical visual psychophysics: from bench to bedside and beyond

CHAIR: *Paul Knox*

LOCATION: C

09:00 *John Robson*

**Contrast Sensitivity [3S1C001]**

09:24 *Yi-Zhong Wang*

**Visual Function Self-Testing for Remote Monitoring of Maculopathy [3S1C002]**

09:48 *David Henson*

**Visual field testing for the detection and management of glaucoma [3S1C003]**

10:12 *Pete R. Jones, Sarah Kalwarowsky, Gary S. Rubin and Marko Nardini*

**Automated static threshold perimetry using a remote eye-tracker [3S1C004]**

10:36 *Andrew J Logan, Gael E Gordon and Gunter Loffler*

**The Glasgow Caledonian University Face Test: A New Clinical Test of Face Discrimination [3S1C005]**

## 11:00-12:00 Session 16

Motion, Time, Space & Magnitude / Vision & Motor Control / Wholes and Parts (Illusions, Objects & Grouping)

LOCATION: Mountford Hall

11:00 *Hamza Zubair and Meera Sunny*

**Understanding parity: Is the odd-effect odd or even? [3P1M001]**

11:00 *Anthony Chaston and John Bailey*

**Distance and Time Estimation of Outdoor Routes Varying in Complexity and Encroachment [3P1M003]**

11:00 *Min Li and Massimiliano Di Luca*

**Temporal predictions in tone sequences [3P1M005]**

11:00 *Isabel Arend, Sarit Ashkenazi, Kenneth Yuen, Shiran Ofir and Avishai Henik*

**Number-space association in syaesthesia: An fMRI investigation [3P1M007]**

11:00 *Adsson Magalhaes, Marcelo Fernandes Costa and Balazs Vince Nagy*

**Effects upon magnitude estimation of the choices of modulus' values [3P1M009]**

11:00 *Martin Bossard, Jean-Claude Lepecq and Daniel R Mestre*

**Simulated travelled distance in an immersive virtual environment is better estimated when adding biological oscillations to the optical flow. [3P1M011]**

11:00 *Guido Hesselmann, Philipp Sterzer and Veith Weillhammer*

**Perceptual momentum influences bistable perception of the Lissajous figure [3P1M013]**

11:00 *Tom C Freeman, Maria Cucu and Laura Smith*

**Estimates of eye velocity are tuned for speed [3P1M015]**

11:00 *Claire Hutchinson, Tim Ledgeway and Tatenda Kondoni*

**Spatial integration in dynamic random-dot patterns depicting either first-order or second-order global**

	<b>motion [3P1M017]</b>
11:00	<i>Luca Battaglini and Giorgio Ganis</i>
	<b>Electrophysiological correlates of motion extrapolation [3P1M019]</b>
11:00	<i>Renars Truksa, Evita Kassaliete, Ivars Lacis, Kristine Melke and Anete Krastina</i>
	<b>Psychophysical approbation of an algorithm for coherent motion perception [3P1M021]</b>
11:00	<i>Ignacio Serrano-Pedraza, Sandra Arranz-Paraiso, Verónica Romero-Ferreiro and Jenny Read</i>
	<b>Inter-scale suppression and facilitation in motion-discrimination are unaffected by dichoptic presentation [3P1M023]</b>
11:00	<i>Paul A. Warren and Rebecca A. Champion</i>
	<b>Comparing the effects of contrast on perceived speed for linear and radial gratings [3P1M025]</b>
11:00	<i>Rebecca A. Champion and Paul A. Warren</i>
	<b>Perceived speed of mixed-contrast random-dot kinematograms [3P1M027]</b>
11:00	<i>Elisa Zamboni, Timothy Ledgeway, Paul McGraw and Denis Schluppeck</i>
	<b>Late, decision-related biases in reports of visual motion direction [3P1M029]</b>
11:00	<i>Elena Mikulskaia and Frances Martin</i>
	<b>Impaired discrimination of radial motion in early-onset cannabis users [3P1M031]</b>
11:00	<i>Orsola Rosa Salva, Elena Lorenzi, Massimo Grassi, Lucia Regolin and Giorgio Vallortigara</i>
	<b>Elementary motion cues to animacy perception: speed changes elicit social preferences in naive domestic chicks (<i>Gallus gallus domesticus</i>) [3P1M033]</b>
11:00	<i>Andrew Foulkes, Paul Warren and Simon Rushton</i>
	<b>Eccentricity effects in optic flow parsing [3P1M035]</b>
11:00	<i>Maiko Uesaki, Hiromasa Takemura and Hiroshi Ashida</i>
	<b>White-matter pathway connecting sensory cortical regions involved in optic-flow processing [3P1M037]</b>
11:00	<i>Rosa Rugani, Orsola Rosa Salva, Lucia Regolin and Giorgio Vallortigara</i>
	<b>Brain asymmetry influences biological motion perception in newborn chicks (<i>Gallus gallus</i>) [3P1M039]</b>
11:00	<i>Nicholas Ross, Alexander Schütz, Doris Braun and Karl Gegenfurtner</i>
	<b>Predicting curved motion during smooth pursuit and fixation [3P1M041]</b>
11:00	<i>Emanuela Liaci, Rike Wörner, Micheal Bach, Ludger Tebartz van Elst and Jürgen Kornmeier</i>
	<b>Ambiguous motion perception in vision and touch [3P1M043]</b>
11:00	<i>Rosannah Cormack, Greg Davis and Kate Plaisted-Grant</i>
	<b>Equivalent noise (EN) analysis of motion direction discrimination in adults with Autism Spectrum Disorders (ASD) [3P1M045]</b>
11:00	<i>Matt Dunn and Simon Rushton</i>
	<b>The effect of simulated vision loss on walking paths [3P1M047]</b>
11:00	<i>Tony Thomas and Meera Sunny</i>
	<b>Hand proximity effect: The role of Space, Object and Disengagement [3P1M049]</b>
11:00	<i>Kaisa Tiippana, Mikko Tiiainen, Lari Vainio, Tarja Peromaa, Naeem Komeilipoor and Martti Vainio</i>
	<b>Manual grips selectively influence visual, auditory and audiovisual speech categorization [3P1M051]</b>
11:00	<i>Andrew Jessop and Franklin Chang</i>
	<b>Are spatial indexes used to identify thematic roles for language? [3P1M053]</b>
11:00	<i>Manon Krol and Tjeerd Jellema</i>
	<b>The role of mirror neuron mechanisms in the anticipation of others' actions: An EEG study [3P1M055]</b>
11:00	<i>Claire Calmels, Marc Elipot and Lionel Naccache</i>
	<b>Implied Motion Priming and Motor Expertise [3P1M057]</b>
11:00	<i>Constanze Hesse, Louisa Miller and Gavin Buckingham</i>
	<b>Visual memory in reaching and grasping [3P1M059]</b>
11:00	<i>Stephan de La Rosa and Heinrich Bülthoff</i>
	<b>Inversion effects are stronger for subordinate than for basic-level action recognition [3P1M061]</b>
11:00	<i>Francois Quesque, Yvonne Delevoeye-Turell and Yann Coello</i>
	<b>Reading social intention in movement kinematics [3P1M063]</b>
11:00	<i>Chiara Bozzacchi, Robert Volic and Fulvio Domini</i>
	<b>Depth constancy in grasping is only apparent [3P1M065]</b>
11:00	<i>Alison Wiggett</i>
	<b>Automatic imitation of hand and foot movements is independent of observed body posture [3P1M067]</b>
11:00	<i>Takao Fukui, Yasoichi Nakajima and Makoto Wada</i>
	<b>Use of online vision for reach-to-grasp movements in adolescents with autism spectrum disorders [3P1M069]</b>
11:00	<i>Stephanie Rossit</i>
	<b>Removing binocular cues disrupts the lower visual field advantage for grasping but obeys Weber's law [3P1M071]</b>
11:00	<i>Paolo Bernardis</i>
	<b>The role of task in the interaction between gestures' and words' meaning [3P1M073]</b>
11:00	<i>Simon Watt and Ruth Dickson</i>
	<b>Reaching and grasping with pliers-like tools: a kinematic analysis [3P1M075]</b>
11:00	<i>Laura Fademrecht, Nick E. Barraclough, Isabelle Bülthoff and Stephan de La Rosa</i>
	<b>Seeing actions in the fovea influences subsequent action recognition in the periphery [3P1M077]</b>
11:00	<i>Aoife Mahon, Amelia Hunt and Constanze Hesse</i>
	<b>Attentional allocation to feedback locations in motor movements [3P1M079]</b>
11:00	<i>Martin Giesel, Jenny Bartov and Qasim Zaidi</i>
	<b>Investigating the veridicality of shape from shading for real objects [3P1M081]</b>
11:00	<i>Stephen Jachim, Paul A. Warren and Emma Gowen</i>
	<b>Feedback contribution to collinear facilitation is group dependent [3P1M083]</b>
11:00	<i>Mauro Manassi, Aaron Clarke and Michael H Herzog</i>
	<b>Crowding and Shape Representations [3P1M085]</b>
11:00	<i>Li Jingling and Chia-Huei Tseng</i>
	<b>Effect of local salience on the collinear masking effect [3P1M087]</b>

11:00	<i>Soyogu Matsushita</i> <b>Illusory motion in an afterimage formed by gradation patches and the stimulus luminance as the determinant of the motion direction</b> [3P1M089]
11:00	<i>Leili Soo, Søren K. Andersen and Ramakrishna Chakravarthi</i> <b>The effects of contrast dissimilarity on crowding.</b> [3P1M091]
11:00	<i>Nobuko Takahashi and Masami Nishigaki</i> <b>Sliding motion by different edge contrast</b> [3P1M093]
11:00	<i>Frederic Hörnig, Michael Möller and Claus-Christian Carbon</i> <b>The colorful stranger in the mirror – the strange-face-in-the-mirror illusion revisited</b> [3P1M095]
11:00	<i>Tomoko Imura, Fumito Kawakami, Nobu Shirai and Masaki Tomonaga</i> <b>Visual processing of average size by chimpanzees</b> [3P1M097]
11:00	<i>Bilge Sayim and Johan Wagemans</i> <b>Perceived junction changes in crowding revealed with a drawing paradigm</b> [3P1M099]
11:00	<i>Elisabeth Hein and Bettina Rolke</i> <b>The influence of object history on correspondence in the Ternus display</b> [3P1M101]
11:00	<i>Teluhiko Hilano and Kazuhisa Yanaka</i> <b>Vibration to increase or decrease strength of illusory motions</b> [3P1M103]
11:00	<i>Kazuhisa Yanaka</i> <b>Color cast hypothesis of color-dependent Fraser-Wilcox optical illusion</b> [3P1M105]
11:00	<i>Ryan Maloney, Gabriel J Viganò and Colin W G Clifford</i> <b>Decoding perceived and imperceptible feature conjunctions in human early visual cortex</b> [3P1M107]
11:00	<i>Kai Schreiber and Michael J. Morgan</i> <b>An aperture synthesis variant of the Müller-Lyer-Illusion is sensitive to visual reference frame manipulation</b> [3P1M109]
11:00	<i>Carmen Fisher and Irene Sperandio</i> <b>The Influence of Familiar Size on Simple Reaction Times.</b> [3P1M111]
11:00	<i>Marta Castellano, Raul Vicente and Gordon Pipa</i> <b>GLM-based decoding of contour classification from EEG signals</b> [3P1M113]
11:00	<i>Ken W. S. Tan, J. Edwin Dickinson and David R. Badcock</i> <b>Is implied flow necessary for global shape coding in textured contours?</b> [3P1M115]
11:00	<i>Birgitta Desp-Langley</i> <b>Figure and ground from 2D surfaces with ambiguous border ownership</b> [3P1M117]
11:00	<i>Pieter Moors, Johan Wagemans and Mark Vergeer</i> <b>Conscious perception of local elements enforces their global integration and vice versa</b> [3P1M119]
11:00	<i>Helen Spray, Karina Linnell, Andrew Bremner, Serge Caparos, Jan de Fockert and Jules Davidoff</i> <b>Seeing the forest or seeing the trees: The role of urbanisation in the development of perceptual bias</b> [3P1M121]
11:00	<i>Maris Ozolinsh and Paulis Paulins</i> <b>Colour induced enhancement of perception of global versus local movement</b> [3P1M123]
11:00	<i>Olga Vakhrameeva, Alexey Harauzov and Yuri Shelepin</i> <b>Unconscious priming effect in visual scene with multiscale objects.</b> [3P1M125]
11:00	<i>Anna Bognár, Péter Csibri, Gergő Csete, Zsigmond Tamás Kincses and Gyula Sári</i> <b>The Role of the Magnocellular Visual Pathway in Object Recognition</b> [3P1M127]
11:00	<i>Robin Cao, Jochen Braun, Maurizio Mattia and Alexander Pastukhov</i> <b>An Experimentally Constrained Theory For Levelt's Propositions and The Scalar Property Of Multistable Perception</b> [3P1M129]
11:00	<i>Samuel Lawrence, Bruce Keefe, Richard Vernon, Andre Gouws, Holly Brown, Alex Wade, Declan McKeefry and Antony Morland</i> <b>Characterising shape aftereffects using composite radial frequency patterns</b> [3P1M131]
11:00	<i>Takashi Ueda, Takashi Yasuda and Kenpei Shiina</i> <b>On the shape properties affecting the detection of tilt</b> [3P1M133]
11:00	<i>Darren Cunningham, Daniel Baker and Jonathan Peirce</i> <b>Using the intermodulation term as a measure of selective responses to coherent plaids</b> [3P1M135]
11:00	<i>Katherine Storrs and Derek Arnold</i> <b>Enhancing the world with the mind: Shape adaptation exaggerates shape differences</b> [3P1M137]

### 13:30-15:00 Session 17A: Eye movements

CHAIR: *Éric Castet*

LOCATION: A

13:30	<i>Johannes Schulz and Sebastian Pannasch</i> <b>What can saccadic inhibition reveal about foveal and peripheral information processing within fixations?</b> [3T2A001]
13:45	<i>Alexander Pastukhov, Solveiga Vivian-Griffiths and Jochen Braun</i> <b>Transformation priming promotes stable and consistent perception in spite of unstable retinal input</b> [3T2A002]
14:00	<i>Caglar Tas and Andrew Hollingworth</i> <b>The role of visual stability in representations of pre- and post-saccadic objects</b> [3T2A003]
14:15	<i>Alasdair Clarke, Aoife Mahon, Alex Irvine and Amelia Hunt</i> <b>How aware are we of our own eye movements?</b> [3T2A004]
14:30	<i>Martin Rolfs, Carlos R. Cassanello, Mark Harwood and Thérèse Collins</i> <b>Subthreshold post-saccadic errors decelerate oculomotor learning</b> [3T2A005]
14:45	<i>Jean-Baptiste Bernard, Fermin Moscoso Del Prado and Éric Castet</i> <b>Predicting oculomotor strategies in reading with normal and damaged visual fields</b> [3T2A006]

**13:30-15:00 Session 17B: Colour vision: appearance and constancy**

CHAIR:

LOCATION: B

13:30	<i>Takao Sato, Ryohei Nakayama and Anna Nakamura</i> <b>Extraretinal factors modulate color after effect. [3T2B001]</b>
13:45	<i>Robert Kenridge, Liam Norman, Kathleen Akins and Charles Heywood</i> <b>Colour constancy without colour experience. [3T2B002]</b>
14:00	<i>Frederick Kingdom and Ben Jennings</i> <b>Unmasking the dichoptic mask: Binocularly matched features reduce dichoptic masking for both chromatic and luminance stimuli [3T2B003]</b>
14:15	<i>Annette Werner</i> <b>Does colour constancy exist? Yes and No [3T2B004]</b>
14:30	<i>Carlijn Van Alphen, Kevin O'Regan, Christoph Godau and Christoph Witzel</i> <b>Colour constancy predicted by metameric mismatch volumes [3T2B005]</b>
14:45	<i>Hannah Smithson and Rob Lee</i> <b>Changes in the lighting or reflectance of isolated glossy surfaces reveal a bias to associate particular colour directions with changes in lighting. [3T2B006]</b>

**13:30-15:00 Session 17C: Magnitude, time, and numerosity**

CHAIR: Alexis Makin

LOCATION: C

13:30	<i>Themis Karaminis, Louise Neil, Giulia Cappagli, Guido Marco Cicchini, David Aagten-Murphy, David Burr and Liz Pellicano</i> <b>Central tendency effects in temporal interval reproduction in autism [3T2C001]</b>
13:45	<i>Quan Lei and Adam Reeves</i> <b>An illusion of numerosity explained [3T2C002]</b>
14:00	<i>Michele Fornaciai, Irene Togoli, David C. Burr and Roberto Arrighi</i> <b>Motion-induced compression of perceived numerosity [3T2C003]</b>
14:15	<i>Andrei Gorea, Delphine Rider and Lionel Granjon</i> <b>Perceived Duration, Task Difficulty and Performance: A General Metric [3T2C004]</b>
14:30	<i>Ramakrishna Chakravarthi and Diana-Maria Marosi</i> <b>Tempus Fugit: Competitive social interactions impair time perception [3T2C005]</b>
14:45	<i>Marlene Poncet, Alfonso Caramazza and Veronica Mazza</i> <b>Individuation of objects and object parts rely on the same neuronal mechanism [3T2C006]</b>

**15:00-16:00 Session 18**

Motion, Time, Space &amp; Magnitude / Vision &amp; Motor Control / Wholes and Parts (Illusions, Objects &amp; Grouping)

LOCATION: Mountford Hall

15:00	<i>Ninja Katja Horr and Massimiliano Di Luca</i> <b>Mechanisms of short interval timing: The influence of interval filling on perceived duration and discrimination performance [3P2M002]</b>
15:00	<i>Dina Devyatko and Igor Utochkin</i> <b>An effect of noise on numerosity comparison [3P2M004]</b>
15:00	<i>Michele Zito and Marco Bertamini</i> <b>The effect of proximity in numerosity judgements [3P2M006]</b>
15:00	<i>Paloma Mari-Beffa</i> <b>Verbal working memory influences time perception in explicit time estimation [3P2M008]</b>
15:00	<i>Adsson Magalhaes, Marcelo Fernandes Costa and Balazs Vince Nagy</i> <b>A study of magnitude estimation with depth cues changing visual perception of circle's size judgment [3P2M010]</b>
15:00	<i>George Mather and Rebecca Sharman</i> <b>Changes in the apparent speed of human locomotion: Norm-based coding of speed [3P2M012]</b>
15:00	<i>Linda Bowns</i> <b>The Component Level Feature Model of Motion Computes Direction for Random Dot Patterns [3P2M014]</b>
15:00	<i>Tatsuya Yoshizawa and Shiori Sekine</i> <b>Second-order chromatic plaid-motion perception mediated by s-cone channel signal [3P2M016]</b>
15:00	<i>Filip Dechterenko and Jiri Lukavsky</i> <b>Visual search for objects with different direction variability and speed [3P2M018]</b>
15:00	<i>Anna Hughes, Nicholas Jones and David Tolhurst</i> <b>Parameters that modulate the interaction between target and background patterning in speed perception [3P2M020]</b>
15:00	<i>Andrea Orlandi, Alberto Zani and Alice Mado Proverbio</i> <b>Dance expertise modulates the visuomotor perception of body motion [3P2M022]</b>
15:00	<i>Daisuke Harada, Isamu Motoyoshi and Miyuki G. Kamachi</i> <b>The role of orientation information in motion perception. [3P2M024]</b>
15:00	<i>Chihiro Asanoi and Koichi Oda</i> <b>Side view dynamic cue for gender recognition of Point-Light Walker based on information from spectral component analysis [3P2M026]</b>
15:00	<i>Rebecca J. Sharman and George Mather</i> <b>Is adaptation to human motion necessary to change the apparent speed of locomotion? [3P2M028]</b>
15:00	<i>Benedict Hogan, Innes Cuthill and Nicholas Scott-Samuel</i> <b>Motion dazzle camouflage in groups; evidence for an interaction between high contrast patterns and the confusion effect. [3P2M030]</b>
15:00	<i>Yasuhiro Seya, Hiroyuki Shinoda and Yoshiya Nakaura</i> <b>Up-down asymmetry in vertical vection [3P2M032]</b>

15:00	<i>Fiona Mcgruer, Lucy S Petro and Lars Muckli</i> <b>Orientation Decoding in V1 During Motion Induced Blindness</b> [3P2M034]
15:00	<i>Ryo Yamaji, Yasuhiro Seya and Hiroyuki Shinoda</i> <b>Relationship between vection and body sway</b> [3P2M036]
15:00	<i>Ilze Laicane, Jurgis Skilters, Vsevolod Lyakhovetskii, Elina Zimasa and Gunta Krumina</i> <b>Perception of biological motion in central and peripheral visual field</b> [3P2M038]
15:00	<i>Nika Adamian and Patrick Cavanagh</i> <b>Motion-induce position shifts smaller across the vertical and horizontal meridians</b> [3P2M040]
15:00	<i>Seok-Hun Kim and Michael Turvey</i> <b>Suggested Independence between Perceived Size and Distance in the Optical Tunnel</b> [3P2M042]
15:00	<i>Chayada Chotsrisuparat, Rob van Lier and Arno Koning</i> <b>Auditory rhythms influence perceived distance of an occluded moving object</b> [3P2M044]
15:00	<i>Nathalie Van Humbeeck, Tom Putzeys and Johan Wagemans</i> <b>Population code modelling of grating detectability along the apparent motion path</b> [3P2M046]
15:00	<i>Nick Barraclough, Joanna Wincenciak, James Ward, Tjeerd Jellema and Bruce Keefe</i> <b>Visual adaptation distorts judgments of human behaviour during naturalistic viewing</b> [3P2M048]
15:00	<i>Mukesh Makwana and Narayanan Srinivasan</i> <b>Intentional action expands Time perception: An ERP study</b> [3P2M050]
15:00	<i>Tobias Moehler and Katja Fiehler</i> <b>Reach trajectories curve away from remembered, past, and present distractor locations</b> [3P2M052]
15:00	<i>Yannick Wamain, François Gabrielli and Yann Coello</i> <b>Motor coding of visual objects in peripersonal space is task dependent : an EEG study</b> [3P2M054]
15:00	<i>Piotr Styrkowiec and Remigiusz Szczepanowski</i> <b>Spatial and motion stimulus-response correspondence effects under cognitive load.</b> [3P2M056]
15:00	<i>Stephanie Kristensen, Brad Mahon, Frank Garcea and Jorge Almeida</i> <b>Subcortical influences in tool processing - the case for the magnocellular processing under high temporal frequencies</b> [3P2M058]
15:00	<i>Pavel Voinov, Guenther Knoblich and Natalie Sebanz</i> <b>Within- and between-individual integration across visual perspectives in an object location task</b> [3P2M060]
15:00	<i>Ute Leonards, Nicholas Alexander, Brett Adey and David Redmill</i> <b>Floor pattern orientations impact on human-human spatial interaction</b> [3P2M062]
15:00	<i>Alice G. Cruickshank, Jonathan C. Flavell, Nathan C. Beebe, John G. Buckley, Simon J. Bennett, Julie M. Harris and Brendan T. Barrett</i> <b>Relationship between reaction time and ball catching in vision-restricted conditions in elite sportspeople</b> [3P2M064]
15:00	<i>Xavier Laurent and Paloma Mari-Beffa</i> <b>An action to an object does not improve its episodic encoding, but removes distraction</b> [3P2M066]
15:00	<i>Masayoshi Nagai, Yohei Yamada, Jun-Ichiro Kawahara and Yukiko Nishizaki</i> <b>Louder voice for bigger physical movement: Compatibility between vocalization and action production</b> [3P2M068]
15:00	<i>Gavin Buckingham and Jonathan Cole</i> <b>Perceiving and acting upon weight illusions in the absence of somatosensory information</b> [3P2M070]
15:00	<i>Jovanovic Ljubica and Oliver Toskovic</i> <b>Is proprioceptive perception of distance affected by exercise?</b> [3P2M072]
15:00	<i>Rongrong Chen, Kai Pong James Wong and Li Li</i> <b>Action video game play increases the coupling between visual motion processing and visuomotor control</b> [3P2M074]
15:00	<i>Sarah Cooney, Nuala Brady and Alanna Oshea O'Shea</i> <b>Point me in the Right Direction: Same and Cross Category Adaptation Aftereffects to Hand Pointing Direction</b> [3P2M076]
15:00	<i>Takako Yoshida, Shota Tanaka, Tenji Wake and Akira Ohta</i> <b>Effect of search strategy on tactile change detection</b> [3P2M078]
15:00	<i>Nathan Beebe, Jonathan Flavell, Alice Cruickshank, Simon Bennett, John Buckley, Julie Harris and Brendan Barrett</i> <b>Visuo-motor delay in fast and slow ball sports</b> [3P2M080]
15:00	<i>Gunnar Schmidtman, Marouane Ouhana and Frederick Kingdom</i> <b>Imagining Circles: A perceptual model for the Arc-Size Illusion</b> [3P2M082]
15:00	<i>Joshua Solomon and Christopher Tyler</i> <b>Weight allocation in summary statistics</b> [3P2M084]
15:00	<i>Lukasz Grzeczowski, Aaron Clarke, Fred Mast and Michael Herzog</i> <b>No correlations between the strength of visual illusions</b> [3P2M086]
15:00	<i>Yun Ting and Li Jingling</i> <b>Does It Really Exist? Creating the collinear masking effect by illusory contours</b> [3P2M088]
15:00	<i>Einat Rashal, Yaffa Yeshurun and Ruth Kimchi</i> <b>When do we need attention for grouping?</b> [3P2M090]
15:00	<i>Tamara Nicoleta Gheorghes, Alessandro Soranzo and John Reidy</i> <b>The effect of inter-stimulus interval on the partially occluded slalom illusion</b> [3P2M092]
15:00	<i>Kempei Shiina and Nobuko Takahashi</i> <b>The Piling Illusion</b> [3P2M094]
15:00	<i>Klaus Landwehr</i> <b>How to study geometrical perceptual illusions</b> [3P2M096]
15:00	<i>Kuntal Ghosh, Arijit Mallick, Sourya Roy and Ashish Bakshi</i> <b>Limitations of the ODOG filter in special cases of brightness perception illusions</b> [3P2M098]
15:00	<i>Maarten Demeyer</i> <b>The decay of perceptual grouping by collinearity</b> [3P2M100]
15:00	<i>Galina Menshikova and Polina Krivykh</i> <b>The impact of eye movements on perception of "spine drift" illusion</b> [3P2M102]

15:00	Artem Kovalev and Galina Menshikova	<b>The shape of opto-kinetic nystagmus as indicator of perception of vection illusion [3P2M104]</b>
15:00	Bruce Keefe, Kyriaki Mikellidou, Hannah Clawson, Andre Gouws, Peter Thompson and Antony Morland	<b>The Helmholtz size illusion is processed by extrastriate visual cortex [3P2M106]</b>
15:00	Christine van Vleet and Bilge Sayim	<b>Characteristics of target appearance changes in crowding [3P2M108]</b>
15:00	Andrea van Doorn, Jan Koenderink and Johan Wagemans	<b>Natural districts of pictorial relief [3P2M110]</b>
15:00	Caitlin Mullin, Lee De-Wit, Hans Op de Beeck, Johan Wagemans and Jonas Kubilius	<b>The influence of segmentation on rapid scene categorization [3P2M112]</b>
15:00	Damien Wright, Alexis Makin and Marco Bertamini	<b>Neural responses to symmetry presented in the visual hemifields [3P2M114]</b>
15:00	Andrea Pavan, Johanna Hockettstaller and Mark Greenlee	<b>Tilt aftereffect from perception of global form from Glass Patterns [3P2M116]</b>
15:00	Hanne Huygelier, Rebecca Chamberlain, Ruth Van der Hallen, Lee De-Wit and Johan Wagemans	<b>The Leuven Embedded Figures Test (L-EFT): Measuring perception or cognition? [3P2M118]</b>
15:00	Ellen Joos and Jürgen Kornmeier	<b>Effects of stimulus ambiguity on task-related ERP components [3P2M120]</b>
15:00	Viljami Salmela, Linda Henriksson and Simo Vanni	<b>Representational similarity analysis of contour shape processing in the visual cortex [3P2M122]</b>
15:00	Gunta Krumina, Vsevolod Liakhovetckii and Jurgis Skilters	<b>Impacts of fatigue on mental rotation [3P2M124]</b>
15:00	Katia Deiana, Jan Koenderink, Andrea van Doorn, Adam Reeves and Baingio Pinna	<b>A new principle of figure-ground segregation and object formation: The accentuation [3P2M126]</b>
15:00	David Badcock, Krystle Haley and J Edwin Dickinson	<b>Using Visual Search to assess cues for Object shape. [3P2M128]</b>
15:00	Xuyan Yun, Simon Jan Hazenberg and Rob Van Lier	<b>The interference effect of color in amodal completion [3P2M130]</b>
15:00	Richard Vernon, Andre Gouws, Alex Wade and Antony Morland	<b>The role of shape complexity in the lateral occipital complex [3P2M132]</b>
15:00	Irina Shoshina, Yuri Shelepin, Elena Vershinina, Sergei Pronin, Kristina Novikova, Eduard Kravchenko and Nigel Foreman	<b>Interaction mechanisms of global and local image analysis in visual systems of observers with field-dependent and field-independent cognitive style [3P2M134]</b>
15:00	Pi-Chun Huang and Ching-Hua Shen	<b>Feature integration in plaid revealed by visual search [3P2M136]</b>
15:00	Justin Plantier, Charles-Antoine Salasc, Alain Bichot, Corinne Roumes and Sylvie Lelandais	<b>Determination of relevant component parts of an object in a discrimination task with the bubbles method [3P2M138]</b>

#### 16:00-17:45 Session 19A: Face perception

CHAIR: Bruno Rossion

LOCATION: A

16:00	David Perrett, Iris Holzleitner and Bernard Tiddeman	<b>Face shape cues to health [3T3A001]</b>
16:15	Gavin Perry	<b>The visual gamma response to faces reflects the presence of sensory evidence and not awareness of the stimulus [3T3A002]</b>
16:30	Talia Retter and Bruno Rossion	<b>An objective measure of facial identity adaptation with fast periodic visual stimulation [3T3A003]</b>
16:45	Philip I N Ulrich, Robert A Johnston and David T Wilkinson	<b>Caloric Vestibular Stimulation Modulates High Level Face Processing [3T3A004]</b>
17:00	Robert Ward and Shubha Sreenivas	<b>Self-representation of facial appearance [3T3A005]</b>
17:15	Catriona Havard, Martin Thirkettle, David Barrett and Stephanie Ritcher	<b>How does image background colour influence facial identification? [3T3A006]</b>
17:30	Aliette Lochy, Laguesse Renaud, Friederike Gs Zimmermann, Verena Willenbockel, Bruno Rossion and Quoc C Vuong	<b>The crucial role of facelike configuration in the development of visual expertise: objective electrophysiological evidence [3T3A007]</b>

#### 16:00-17:45 Session 19B: Attention: visual search.

CHAIR: Ian Thornton

LOCATION: B

16:00	Gunter Meinhardt and Malte Persike	<b>The preview benefit in single feature and conjunction search: Constraints of visual marking [3T3B001]</b>
16:15	Anna Nowakowska, Alasdair D.F. Clarke, Arash Sahraie and Amelia R. Hunt	<b>Simulated hemianopia: the effect of partial information loss on serial and parallel search [3T3B002]</b>
16:30	Marius Usher, Rani Moran and Michael Zehetleitner	<b>Serial vs parallel processes in Visual Search: model comparison to RT-distribution [3T3B003]</b>
16:45	Valerie Beck and Andrew Hollingworth	<b>Attentional Guidance by Simultaneously Active Working Memory Representations: Evidence from Competition in Saccade Target Selection [3T3B004]</b>
17:00	Ian M. Thornton, Omar I. Jóhannesson and Árni Kristjánsson	<b>Choice Invaders: A new iPad task to explore fixed-interval target selection [3T3B005]</b>

17:15	Todd Horowitz	<b>Very large memory sets in hybrid search: Can the log still save us? [3T3B006]</b>
17:30	Chiahuei Tseng, Hiu Mei Chow and Li Jingling	<b>Eye-of-origin guides attention away: Search disadvantage by ocular singletons [3T3B007]</b>
<b>16:00-17:45 Session 19C: Colour vision</b>		
CHAIR: <i>Sophie Wuerger</i>		
LOCATION: C		
16:00	Li Zhaoping	<b>Dichoptic color gratings reveal a perceptual bias for binocular summation over binocular difference, which is stronger in central than peripheral vision [3T3C001]</b>
16:15	Andrew Stockman, Andrew T. Rider and G. Bruce Henning	<b>Flicker antagonism and synergism caused by multiple cone responses [3T3C002]</b>
16:30	Jasna Martinovic, Ilinca Angelescu, Lilja-Maaria Kurppa, Tomohawk Paul McGinn, Marco Bertamini and Alexis D.J. Makin	<b>Putting the S (cones) into Symmetry [3T3C003]</b>
16:45	Florian Schiller, Matteo Valsecchi and Karl Gegenfurtner	<b>Testing measures of saturation [3T3C004]</b>
17:00	Rhea Eskew, Timothy Shepard and Scott Gabree	<b>Pedestal masking of S cone tests: Effects of gain control and cone combination [3T3C005]</b>
17:15	William McIlhagga and Kathy Mullen	<b>Classification Images of chromatic edge detectors in human vision. [3T3C006]</b>
17:30	Kathy T. Mullen, Dorita H.F. Chang and Robert F. Hess	<b>fMRI adaptation in the human LGN [3T3C007]</b>

**18:30-19:30 Session 20: Rank Lecture (Sponsored by Rank Prize Funds)**

Rank Prize Lecture Marisa Carrasco

LOCATION: St George's Hall

18:30 *Marisa Carrasco*  
**How attention affects visual perception**

**19:30-22:00 Session : Social Dinner**

Dinner in St George's Hall

LOCATION: St George's Hall

**Marisa Carrasco**

Department of Psychology, New York University  
marisa.carrasco@nyu.edu



**Rank Prize Lecture - St George's Hall**

Wednesday, 26th - 18.30-19:30

**How Attention affects Early Vision**

**Abstract:**

Attention allows us to select relevant sensory information for preferential processing. I will discuss several robust effects that attention has on early visual processes. I will present psychophysical studies regarding the effects of endogenous (voluntary) and exogenous (involuntary) covert attention –the selective processing of visual information without eye movements– on perceptual performance and appearance of basic visual dimensions across the visual field. First, I will summarize psychophysical and fMRI studies showing how contrast sensitivity increases at the attended location at the expense of reduced sensitivity at unattended locations; how attention not only improves discriminability but also speeds information accrual; and how appearance is affected by the way attention alters visual representation. I will discuss these results in reference to a normalization model of attention. Second, I will describe psychophysical studies of the effects of endogenous and exogenous attention on spatial resolution –search, acuity, and texture segmentation. I will show how selective adaptation can help us understand the mechanisms underlying differential effects of endogenous (voluntary) attention and exogenous (involuntary) attention in a texture segmentation task, and relate these findings to the physiological evidence indicating that attention modulates the gain of neuronal responses and alters the profile and position of receptive fields near the attended location.



# Thursday, August 27th

## 09:00-11:00 Session 21A: Machine vision

CHAIR: *Andrew Schofield*

LOCATION: A

09:00 *James Elder*

**General-Purpose Models in Biological and Computer Vision** [4S1A001]

09:30 *Christopher K. I. Williams*

**Modelling Scene Structure: Vision as Inverse Graphics** [4S1A002]

10:00 *Gabriel Brostow*

**Human in the loop computer vision** [4S1A003]

10:30 *Richard Bowden*

**The evolution of Computer Vision** [4S1A004]

## 09:00-11:00 Session 21B: Colour Constancy

CHAIR: *Alexander Logvinenko*

LOCATION: B

09:00 *Alexander Logvinenko*

**What we mean by colour constancy and how to study it** [4S1B001]

09:15 *David Brainard*

**Confessions of a Constancy Index Junkie** [4S1B002]

09:30 *David Foster*

**Colour constancy and the challenge of environmental change for perceived surface colour** [4S1B003]

09:45 *Karl Gegenfurtner, Marina Bloj and David Weiss*

**Real color constancy** [4S1B004]

10:00 *Anya Hurlbert, Bradley Pearce and Stacey Aston*

**All Illuminations are not Created Equal: The Limits of Colour Constancy** [4S1B005]

10:15 *Adam Reeves*

**Functional color constancy** [4S1B006]

10:30 *Laurence Maloney*

**Questions in Surface Color Perception** [4S1B007]

10:45 *Qasim Zaidi*

**Identifying surface colors across illumination conditions: Neural Adaptation, Similarity Judgments and Prior Beliefs** [4S1B008]

## 09:00-11:00 Session 21C: Pupillometry

CHAIR: *Sarah Lukas*

LOCATION: C

09:00 *Christoph Scheepers and Wilhelmiina Toivo*

**Pupillary responses to emotionally arousing words in bilinguals' first versus second language** [4S1C001]

09:20 *Aleksandra Pieczykolan and Lynn Huestegge*

**The eyes' many stories about concurrent (cross-modal) action demands: Effects on saccadic latency, pupil response, and blink rate** [4S1C002]

09:40 *Sarah Lukas, Gabriel Yuras and Anke Huckauf*

**Different measurements of pupil size as response to auditory affective stimuli and their application in a visual perception task** [4S1C003]

10:00 *Serdar Baltaci and Didem Gokcay*

**Evaluation of features derived from pupil dilation in a stress induction experiment** [4S1C004]

10:20 *Jan Ehlers, Christoph Strauch and Anke Huckauf*

**Voluntary Pupil Control** [4S1C005]

10:40 *Piril Hepsomali, Simon P. Liversedge, Julie A. Hadwin and Matthew Garner*

**Effects of emotion and cognitive load on pupillometric and saccadic responses in anxiety** [4S1C006]

## 11:00-12:00 Session 22

Individual Growth & Difference (Disorders, Development & Aging) / Vision & Other Senses / Basic Visual Mechanisms

(Binocular Vision, Depth Perception & Fovea vs. Periphery)

LOCATION: Mountford Hall

11:00 *Gemma Learmonth, Gregor Thut, Christopher Benwell and Monika Harvey*

**The EEG correlates of stimulus-induced spatial attention shifts in healthy aging.** [4P1M001]

11:00 *Simone Gori, Luca Ronconi, Sandro Franceschini, Sara Bertoni, Laura Franchin and Andrea Facoetti*

**Visual attentional focusing in 8-month-old infants predicts their future language skills** [4P1M003]

11:00 *Valerie Goffaux, Aude Poncin and Christine Schiltz*

**Selectivity of face perception to horizontal information over lifespan (from 6 to 74 year old)** [4P1M005]

11:00 *Nicoletta Noceti, Alessandra Sciutti, Alessia Vignolo, Francesco Rea, Francesca Odone and Giulio Sandini*

**Modeling the development of visual perception with computational vision** [4P1M007]

11:00 *Andrew J Schofield and Harriet A Allen*

**Texture amplitude provides only limited support for shape-from-shading in a visual search task and older adults are less able to utilize this cue.** [4P1M009]

11:00 *Sara Calzolari, Giulio Contemori and Clara Casco*

**Form-motion suppressive interactions in normal and disabled readers - ECPV2015** [4P1M011]



11:00	<i>Simon Davies, Lorna Bourke and Neil Harrison</i> <b>Developmental progression in the audio-visual binding of novel environmental features in children</b> [4P1M013]
11:00	<i>Lisa Alcock, Brook Galna, Georgie Foster-Thornton, Jeffrey Hausdorff, Sue Lord and Lynn Rochester</i> <b>Eye movements during obstacle crossing in people with Parkinson's disease who fall: Influence of disease severity and visual contrast</b> [4P1M015]
11:00	<i>Takahiko Kimura, Koji Nagino, Kazushi Yokoi, Kazumi Fujiwara and Takeshi Hatta</i> <b>Effect of mental practice on mental rotation after stroke: comparison between alphabet letters and hands</b> [4P1M017]
11:00	<i>Stephanie Dunn, Megan Freeth and Elizabeth Milne</i> <b>ERP evidence of reduced spatial selectivity in those with high levels of self-reported autistic traits</b> [4P1M019]
11:00	<i>Ophélie Favrod, Michael H. Herzog and Galina V. Parmei</i> <b>Contour-integration deficits in intact visual field of hemianopia patients</b> [4P1M021]
11:00	<i>Rosanna Gomez, Katrina Bennett, Abigail Dickinson and Elizabeth Milne</i> <b>Orientation discrimination is not altered in children with autism spectrum conditions.</b> [4P1M023]
11:00	<i>Madoka Ohnishi and Koichi Oda</i> <b>The effect of high resolution letters on legibility for persons with low vision</b> [4P1M025]
11:00	<i>Maria Gracheva, Svetlana Rychkova and Galina Rozhkova</i> <b>Individual variability in visual acuity improvement due to binocular fusion and accommodation training</b> [4P1M027]
11:00	<i>Olga Sysoeva, Elena Orekhova, Marina Tsetlin, Natalia Pushina, Maria Davletshina, Ilja Galuta and Tatiana Stroganova</i> <b>The reduced visual orientation discrimination in children with autism spectrum disorders (ASD) is specific for cardinal axis</b> [4P1M029]
11:00	<i>Maria Barraza Bernal, Katharina Rifai and Siegfried Wahl</i> <b>Inducing the preferred retinal locus of fixation</b> [4P1M031]
11:00	<i>Katharina Schmack and Philipp Sterzer</i> <b>Evidence for attenuated predictive signalling in schizophrenia</b> [4P1M033]
11:00	<i>Abigail Dickinson, Michael Bruyns-Haylett, Myles Jones and Elizabeth Milne</i> <b>Orientation discrimination is superior in individuals with autism spectrum conditions (ASC)</b> [4P1M035]
11:00	<i>Aiga Svede, Aiga Batara and Gunta Krumina</i> <b>The effect of visual fatigue on clinical evaluation of vergence</b> [4P1M037]
11:00	<i>Lee McIlreavy, Jonathan T. Erichsen and Tom C.A. Freeman</i> <b>Perceptual compensation of pursuit-induced retinal motion in infantile nystagmus</b> [4P1M039]
11:00	<i>Aya Shirama, Nobumasa Kato and Makio Kashino</i> <b>Briefly presented visual search tasks reveal superior parallel processing in individuals with autism spectrum disorder</b> [4P1M041]
11:00	<i>Keita Hirai, Shinya Takehi and Takahiko Horiuchi</i> <b>Color Vision Deficiency Test using Multi-primary Image Projector</b> [4P1M043]
11:00	<i>Galina Rozhkova, Svetlana Rychkova and Maria Gracheva</i> <b>Optimal parameters of the treatment procedures for rehabilitation and development of binocular functions in different cases</b> [4P1M045]
11:00	<i>Franziska Geringswald and Stefan Pollmann</i> <b>Central and peripheral vision loss differentially affects contextual cueing in visual search</b> [4P1M047]
11:00	<i>Lauren Welbourne, Johanna Gledhill, Victoria Wilkinson and Alex Wade</i> <b>Contrast detection differences between dichromats and trichromats</b> [4P1M049]
11:00	<i>David Arnoldussen, Zahra Hussain, Ben Webb, Denis Schluppeck and Paul McGraw</i> <b>Measuring visual field distortions in amblyopia</b> [4P1M051]
11:00	<i>Heidi Baseler, Charlotte Codina, David Buckley, Charlotte Campbell, Gabriela De Sousa and Alexandra Levine</i> <b>Differences between deaf and hearing adults in visual projections from eye to brain</b> [4P1M053]
11:00	<i>Dhanraj Vishwanath, Deborah Amster and Giedre Zlatkute</i> <b>Do strabismics perceive monocular stereopsis?</b> [4P1M055]
11:00	<i>Sanne Brederoo and Mark Nieuwenstein</i> <b>Lateralization of visual functions</b> [4P1M057]
11:00	<i>Lynn Olzak, Eric Hodgson and Vincent Billock</i> <b>Combining body ownership illusions and time delay adaptation in virtual reality environments</b> [4P1M059]
11:00	<i>Stefano Cecchetto and Rebecca Lawson</i> <b>Comparing the role of concavities and convexities in haptics and in vision</b> [4P1M061]
11:00	<i>Stephanie Rosemann, Freimuth Brunner, Andreas Kastrup and Manfred Fahle</i> <b>Deficits in visual and auditory Gestalt perception after stroke</b> [4P1M063]
11:00	<i>Dimitris Voudouris, Alexander Goettker, Stefanie Mueller and Katja Fiehler</i> <b>Saccades towards targets of different somatosensory modalities</b> [4P1M065]
11:00	<i>Shu Imaizumi and Tomohisa Asai</i> <b>Time contraction during delayed visual feedback of hand action</b> [4P1M067]
11:00	<i>Angus Paton, Lucy Petro, Luca Vizioli and Lars Muckli</i> <b>Investigating Sound Content in Early Visual Cortex</b> [4P1M069]
11:00	<i>Michael Wagner and Tomer Elbaum</i> <b>"Feeling by seeing": Eliciting haptic sensing by a non-attentive visual method: Psychophysical haptic – visual transformation functions</b> [4P1M071]
11:00	<i>Giulia Cappagli, Sara Finocchi and Monica Gori</i> <b>Superior sensitivity for horizontal but not vertical audio localization in sighted children</b> [4P1M073]
11:00	<i>Lorna Bourke, Simon Davies, Katie Sherry and James Fallis</i> <b>The development of audio-visual integration processes in short-term memory for information used in literacy</b> [4P1M075]
11:00	<i>Alessia Tonelli, Luca Brayda and Monica Gori</i> <b>Depth echolocation task in novices sighted people.</b> [4P1M077]

11:00	<i>Hidemi Komatsu, Kayoko Murata, Yasushi Nakano and Naoe Masuda</i> <b>A role of cutaneous inputs in self-motion perception (2): Does the wind decide the direction of perceived self-motion?</b> [4P1M079]
11:00	<i>Lora Likova, Christopher Tyler, Kris Mineff and Spero Nicholas</i> <b>Cross-modal insights into the controversies of conceptual knowledge representation and temporal pole asymmetry</b> [4P1M081]
11:00	<i>Daisuke Tajima, Tota Mizuno, Yuichiro Kume and Takako Yoshida</i> <b>Does the sense of agency occur when tactile feedback is substituted for proprioceptive feedback?</b> [4P1M083]
11:00	<i>Chris Fassinidge, Claudia Cecconi-Marcotti and Elliot D. Freeman</i> <b>Hearing through your eyes: the Visually-Evoked Auditory Response</b> [4P1M085]
11:00	<i>John Cass, Erik Van der Burg and Jean Vroomen</i> <b>Audiovisual synchrony improves temporal order judgment performance only in complex dynamic visual environments</b> [4P1M087]
11:00	<i>Leeseul Shim, Ioannis Politis, Peipei Liu, Paula Regener, Stephen Brewster and Frank Pollick</i> <b>Evaluating Multimodal Warning Displays for Drivers with Autism</b> [4P1M089]
11:00	<i>Hiroaki Shigemasa</i> <b>The effect of perceived reality of the visual scene in cross-modal interaction</b> [4P1M091]
11:00	<i>Agoston Torok, Andrea Kobar, Gyorgy Persa, Péter Galambos, Valéria Csépe and Ferenc Honbolygó</i> <b>Location of a visual object is processed in multiple frames of reference: An ERP study</b> [4P1M093]
11:00	<i>Alexander S. Chockley, Johanna Hockettstaller, Mark W. Greenlee and Gregor Volberg</i> <b>Spatial attention to graphemes in grapheme-color synesthesia</b> [4P1M095]
11:00	<i>Marc Halffmann, Viktoria Prozmam and Hanspeter A. Mallot</i> <b>The Role of Stereoscopic Depth Cues in Place Recognition</b> [4P1M097]
11:00	<i>Pei-Yin Chen, Chien-Chung Chen and Christopher Tyler</i> <b>Effect of Luminance Contrast on Perceived Depth from Disparity</b> [4P1M099]
11:00	<i>Chien-Chung Chen and Christopher Tyler</i> <b>Shading Beats Binocular Disparity in Depth from Luminance Gradients</b> [4P1M101]
11:00	<i>Masaki Mori and Toshio Watanabe</i> <b>The Effect of Observation Distance on Space Configuration of Targets for Gaze Perception</b> [4P1M103]
11:00	<i>Kanon Fujimoto and Hiroshi Ashida</i> <b>Asymmetric effects of stereoscopic depth on simultaneous lightness contrast</b> [4P1M105]
11:00	<i>Koichi Shimono, Atsuki Higashiyama and Saori Aida</i> <b>Framing can enhance the perceived depth of a picture</b> [4P1M107]
11:00	<i>Nuno R. Goncalves, Jan Zimmermann, Hiroshi Ban, Rainer Goebel and Andrew E. Welchman</i> <b>A preference for stereopsis in deep layers of human primary visual cortex</b> [4P1M109]
11:00	<i>Maarten Wijnjes, Roby Michelangelo Vota and Sylvia Pont</i> <b>The perceptual integrability of 3D shape</b> [4P1M111]
11:00	<i>Thorsten Plewan and Gerhard Rinkenauer</i> <b>Simple reaction times to stimuli in virtual 3D space</b> [4P1M113]
11:00	<i>Kevin Dent and Anda Ziemele</i> <b>The distribution of visual marking in 3-D space: Evidence for a depth sensitive mechanism</b> [4P1M115]
11:00	<i>Mark Georgeson and Stuart Wallis</i> <b>Binocular summation, binocular fusion and the transition to diplopia</b> [4P1M117]
11:00	<i>William Harrison and Peter Bex</i> <b>A population response model of spatial crowding over time</b> [4P1M119]
11:00	<i>Sjoerd Stuit, Maurits Barendregt, Maarten van der Smagt and Susan Te Pas</i> <b>The relation between inter-object distance and contributions of eye- and image-based grouping during rivalry</b> [4P1M121]
11:00	<i>Jiri Lukavsky and Filip Dechterenko</i> <b>Boundary extension effect is larger in tilt shift photographs</b> [4P1M123]
11:00	<i>Carlos Silva, Sandra Mouta, Daniel Basso, Jorge Santos and José Campos</i> <b>Distance Perception in Immersive Environments – The Role of Photorealism</b> [4P1M125]
11:00	<i>Yuk Ting Leo Cheung and Sing-Hang Cheung</i> <b>Can substitution explain crowding? A study of error distribution in letter crowding.</b> [4P1M127]
11:00	<i>Daphne Roumani and Konstantinos Moutoussis</i> <b>Invisible Aftereffects: is awareness necessary?</b> [4P1M129]
11:00	<i>Luca Ronconi, Sara Bertoni and Rosilari Bellacosa Marotti</i> <b>The neural origins of visual crowding as revealed by event-related potentials and high-frequency oscillatory dynamics</b> [4P1M131]
11:00	<i>Michael Pilling and Duncan Guest</i> <b>Object substitution masking, stimulus noise, and perceptual fidelity</b> [4P1M133]
11:00	<i>Ieva Timrote, Agnese Reinvalde, Sergejs Fomins and Gunta Krumina</i> <b>Peripheral vision effects central task performance under visual fatigue</b> [4P1M135]
11:00	<i>Jonathan Denniss, Neil W. Roach and Paul V. McGraw</i> <b>Discrimination of blur in peripherally-viewed natural scenes</b> [4P1M137]

**12:30-14:00 Session 23: Future of Scientific Publishing**

CHAIR: *Lee De-Wit*

LOCATION: A

Academic publishing remains expensive and inefficient. Several alternative models to publishing have recently emerged (new publishers like PeerJ and Ubiquity Press and open source software for managing the publication process), but these have yet to be taken up within the mainstream of vision science. This session will discuss what steps we can take in moving towards a genuinely low costs Open-Access publication model in vision science.

**14:00-15:00 Session 24: Business Meeting**

CHAIR: *Marco Bertamini*

LOCATION: A

**15:00-16:00 Session 25**

Individual Growth & Difference (Disorders, Development & Aging) / Vision & Other Senses / Basic Visual Mechanisms (Binocular Vision, Depth Perception & Fovea vs. Periphery)

LOCATION: Mountford Hall

15:00 *Andrea Facoetti, Luca Ronconi, Miriam Devita, Massimo Molteni and Simone Gori*

**The relationship between orienting and zooming of spatial attention in autism spectrum disorder [4P2M002]**

15:00 *Helen Kaye*

**The effect of age on confidence and accuracy in eye-witness judgements [4P2M004]**

15:00 *Barbara Piotrowska, Alexandra Willis and Jon Kerridge*

**Visual-spatial-motor integration in a cross-section of primary-aged children: implications for assessing risk of dyslexia [4P2M006]**

15:00 *Amanda M. Beers, Allison B. Sekuler and Patrick J. Bennett*

**The Oblique Effect is Not Altered By Aging [4P2M008]**

15:00 *Giulio Contemori and Clara Casco*

**Spatiotemporal Visual Processing in school-age children and adults [4P2M010]**

15:00 *Bat Sheva Hadad, Daphne Maurer and Terri Lewis*

**Contour Interpolation: Normal development and the effect of early visual deprivation [4P2M012]**

15:00 *Khatuna Parkosadze and Therese Collins*

**Saccadic adaptation in aging [4P2M014]**

15:00 *Georgina Powell, Zoe Meredith and Tom C Freeman*

**Characterising individual differences with Bayesian Models: an example using autistic traits and motion perception [4P2M016]**

15:00 *Chie Takahashi and Jason Braithwaite*

**Stimulating the Aberrant Brain: Predisposition to Anomalous Visual Distortions Reflects increased Cortical Hyperexcitability in those prone to Hallucinations: Evidence from a tDCS Brain Stimulation Study. [4P2M018]**

15:00 *Steven Vanmarcke, Ilse Noens, Jean Steyaert and Johan Wagemans*

**Ultra-rapid categorization of meaningful real-life scenes in people with and without ASD [4P2M020]**

15:00 *Louise O'Hare*

**Visual search in migraine [4P2M022]**

15:00 *Sulaiman Aldakhil, Lyle Gray, Dirk Seidel and Mhari Day*

**Dual focus contact lenses produce inaccurate steady state accommodation responses in emmetropic subjects [4P2M024]**

15:00 *Emma Gowen, Stephen Jachim and Paul A. Warren*

**Investigating visual integration in Autism Spectrum Disorders using collinear facilitation with temporal masking [4P2M026]**

15:00 *Partow Yazdani, Jenny Read, Roger Whittaker and Andrew Trevelyan*

**The dissociation of different measures of cortical inhibition in the visual system, and their use for non-invasive monitoring of epilepsy susceptibility [4P2M028]**

15:00 *Brandon Ashinoff, Mariel Roberts, F. Xavier Castellanos and Marisa Carrasco*

**Exogenous Spatial Attention in Adults with ADHD is Intact [4P2M030]**

15:00 *Sven P. Heinrich, Lisa Herold, David J. Marhöfer and Michael Bach*

**Spatial-frequency tuning of the steady-state pattern-onset visual evoked potential: The topography of the "notch" [4P2M032]**

15:00 *Daniela Altavilla, Massimiliano Luciani and Carlo Lai*

**Attachment style dimensions are associated with neural activation during projective activity [4P2M034]**

15:00 *Maya Roïnishvili, Céline Cappe, Albulena Shaqiri, Andreas Brand, Eka Chkonia and Michael Herzog*

**What crowding tells about schizophrenia [4P2M036]**

15:00 *Richard Johnston, Timothy Ledgeway, Nicola J. Pitchford and Neil W. Roach*

**What is the underlying nature of the perceptual deficit in adult poor readers? [4P2M038]**

15:00 *Sonja Breitenbach*

**The relationship between visual functions and reading performance in children with reading difficulties [4P2M040]**

15:00 *Gatis Ikaunieks, Liva Kapteine, Madara Seglina, Karola Panke and Gunta Krumina*

**Changes in amplitude of accommodation for school-age children during the day [4P2M042]**

15:00 *Kate Bennett, Sophie Wuergler, Victoria Lowers, Jayashree Sahni, Gabriela Czanner, Tatiana Gutu, Ian Grierson, Martin Holland and Simon Harding*

**A Mixed-Method Analysis Assessing the Effects of Wearing organic light emitting diode (OLED) sleep mask on Sleep and Psychological Wellbeing [4P2M044]**

15:00	<i>Inci Ayhan, Edward Doyle and Johannes Zanker</i> <b>The Iterative Amsler Grid (IAG): A procedure to measure image distortions in Age-Related Macular Degeneration (AMD) [4P2M046]</b>
15:00	<i>Sandra Hanekamp, Joyce Boucard, Masahiro Ida, Masaki Yoshida, Branislava Curcic-Blake and Frans W. Cornelissen</i> <b>Neurodegeneration of the optic radiations and corpus callosum in Normal-Tension Glaucoma [4P2M048]</b>
15:00	<i>Alexandra Levine, Charlotte Codina, David Buckley, Gabriela De Sousa and Heidi Baseeler</i> <b>Visual performance linked to cortical magnification differences in deaf and hearing adults [4P2M050]</b>
15:00	<i>Frans W Cornelissen and Eli Brenner</i> <b>Is adding a new class of cones to the retina sufficient to cure colour blindness? [4P2M052]</b>
15:00	<i>Peipei Liu, Margaret Sutherland and Frank Pollick</i> <b>Perception of Affect from Audiovisual Stimuli in Individuals with Subclinical Autistic-like Traits and Anxiety [4P2M054]</b>
15:00	<i>Seong Taek Jeon, Mahesh Raj Joshi and Anita Simmers</i> <b>Noise reveals abnormal global integration of motion and form in strabismic amblyopia [4P2M056]</b>
15:00	<i>Niklas Domdei, Frank Holz, Austin Roorda, Lawrence Sincich and Wolf Harmening</i> <b>Characterization of an adaptive optics SLO based retinal display for cellular level visual psychophysics [4P2M058]</b>
15:00	<i>Andreas Baranowski and Heiko Hecht</i> <b>Auditively induced Kuleshov Effect. On multisensory integration in movie perception. [4P2M060]</b>
15:00	<i>Rebecca Lawson and Stefano Cecchetti</i> <b>Visual and haptic detection of mirror-reflected contours and repeated contours within one object versus across two objects [4P2M062]</b>
15:00	<i>Francesca Perini, Simon Watt and Paul Downing</i> <b>Separate neural representations of visual and haptic object size [4P2M064]</b>
15:00	<i>Gregor Hardless, Stefanie Erhardt and Hanspeter Mallot</i> <b>Bimodal perceptual integration facilitates representation in working memory [4P2M066]</b>
15:00	<i>Yi-Chuan Chen, Terri L. Lewis, David I. Shore and Daphne Maurer</i> <b>The development of the perception of visuotactile simultaneity [4P2M068]</b>
15:00	<i>Andrea Piovesan, Christophe De Bezenac, Noreen O'Sullivan and Marco Bertamini</i> <b>Unfaithful mirror: A new procedure to decrease the sense of ownership and agency of one's own face. [4P2M070]</b>
15:00	<i>Max Aldridge, Natalia Cooper, Georg Meyer and Mark White</i> <b>Simulation Fidelity Affects Perceived Comfort. [4P2M072]</b>
15:00	<i>Akihisa Takemura, Shino Okuda and Katsunori Okajima</i> <b>Multimodal effects of color and aroma on predicted palatability of semisolid and liquid milk beverages [4P2M074]</b>
15:00	<i>Lore Thaler and Megan Cutts</i> <b>Luminance signals interfere with echolocation in sighted people [4P2M076]</b>
15:00	<i>Sarah Maddison, Neil W. Roach and Ben S. Webb</i> <b>Distinct mechanisms of audio-visual asynchrony adaptation operate over different timescales [4P2M078]</b>
15:00	<i>Kayoko Murata, Hidemi Komatsu, Yasushi Nakano, Shigeru Ichihara, Masami Ishihara and Naoe Masuda</i> <b>A role of cutaneous inputs in self-motion perception (1) : Is perceived self-motion equal to an actual motion ? [4P2M080]</b>
15:00	<i>Li Wang, Dong Liu and Yi Jiang</i> <b>Auditory Working Memory Modulates Unconscious Visual Processing [4P2M082]</b>
15:00	<i>Akira Asano, Risa Hirota, Chie Muraki Asano and Katsunori Okajima</i> <b>Difference of impressions on kimono fabrics by LCD view, actual view, and tactile feels [4P2M084]</b>
15:00	<i>Elliot D. Freeman, Synove Knudsen and Chris Fassinidge</i> <b>Hearing through your eyes: modulation of the visually-evoked auditory response by transcranial electrical stimulation [4P2M086]</b>
15:00	<i>Alexandra Lezkan and Knut Drewing</i> <b>Motivation modulates haptic softness exploration [4P2M088]</b>
15:00	<i>Eleanor O'Keefe, Edward Essock and Paul Demarco</i> <b>Putting visual reference frames in conflict to study the horizontal effect: a visual anisotropy [4P2M090]</b>
15:00	<i>Amanda Lillywhite, Donald Glowinski, Bruno Giordano, Antonio Camurri, Ian Cross, Sarah Hawkins and Frank Pollick</i> <b>An fMRI study investigating the contribution of visual features to an intersubject correlation (ISC) of brain activity during observation of a String Quartet [4P2M092]</b>
15:00	<i>David Buckley, Philip Duke and Helen Davis</i> <b>Changing depth cue reliance by playing videogames [4P2M094]</b>
15:00	<i>Hideaki Takada, Muneazu Date, Tatsuya Yamakawa, Takehito Kojima, Ichizo Morita, Yuma Honda and Masaru Miyao</i> <b>Ocular Accommodation and Depth Position in Depth-Fused 3D Visual Perception [4P2M096]</b>
15:00	<i>Yih-Shiuan Lin and Chien-Chung Chen</i> <b>Luminance prevailed over disparity in depth discrimination [4P2M098]</b>
15:00	<i>Filipe Cristino and Charles Leek</i> <b>Differential sensitivity to surface curvature polarity in 3D objects is not modulated by stereo disparity [4P2M100]</b>
15:00	<i>Laurie M. Wilcox and Lesley M. Deas</i> <b>The effects of 2-D and 3-D configuration on stereoscopic depth magnitude percepts [4P2M102]</b>
15:00	<i>Laurence Tidbury, Anna O'Connor and Sophie Wuerger</i> <b>Fusional demand and stereoacuity [4P2M104]</b>
15:00	<i>Brian Rogers</i> <b>Reformulating Motion Parallax as a source of 3-D information [4P2M106]</b>

15:00	<i>Ana Fernandez, Mhairi Day, Seidel Dirk and Lyle S. Gray</i> <b>Closed loop accommodation response to step changes in disparity vergence upon stereoscopic displays</b> [4P2M108]
15:00	<i>Roby Michelangelo Vota, Dicle Dövençioğlu, Ohad Ben-Shahar, Katja Dörschner and Maarten Wijnjes</i> <b>The contribution of motion to shape-from-specularities</b> [4P2M110]
15:00	<i>Marianne Piano, Anita Simmers and Peter Bex</i> <b>The impact of active shutter glasses viewing upon horizontal motor fusion amplitudes</b> [4P2M112]
15:00	<i>Cristina de La Malla, Stijn Buiteman, Wilmer Otters, Jeroen B.J. Smeets and Eli Brenner</i> <b>The contributions of various aspects of motion parallax when judging distances while standing still</b> [4P2M114]
15:00	<i>Agostino Gibaldi, Andrea Canessa and Silvio P. Sabatini</i> <b>The Dimpled Horopter Explained by the Strategy of Binocular Fixation</b> [4P2M116]
15:00	<i>János Geier and Mariann Hudák</i> <b>A computational model for stereopsis and its relevance to binocular rivalry</b> [4P2M118]
15:00	<i>Andrew Astle, David McGovern and Paul McGraw</i> <b>The effect of viewing angle on visual crowding</b> [4P2M120]
15:00	<i>Hans Strasburger and Nicholas J Wade</i> <b>James Jurin (1684–1750): A pioneer of crowding research?</b> [4P2M122]
15:00	<i>Matthew Bennett, Lucy Petro and Lars Muckli</i> <b>Investigating scene feedback to foveal and peripheral V1 using fMRI</b> [4P2M124]
15:00	<i>Keith Langley and Stephen J. Anderson</i> <b>Eigen-Adaptation and Distributed Representation of 2-D Phase, Energy, Scale and Orientation in Spatial Vision</b> [4P2M126]
15:00	<i>Sarah Camp and Michael Pilling</i> <b>The role of crowding in Object Substitution Masking.</b> [4P2M128]
15:00	<i>Koichi Oda, Madoka Ohnishi, Terumi Otsukuni and Aoi Takahashi</i> <b>Both character size and spacing affect readability of Japanese</b> [4P2M130]
15:00	<i>Jan Skerswetat, Monika A. Formankiewicz and Sarah J. Waugh</i> <b>Mixed percepts within binocular rivalry for luminance- and contrast-modulated gratings</b> [4P2M132]
15:00	<i>Deyue Yu</i> <b>Sensory limitation on reading speed: individual differences and experience-dependent changes</b> [4P2M134]
15:00	<i>Malte Persike and Guenter Meinhardt</i> <b>Perceptual cancellation of stimulus saliency under dichoptic viewing conditions</b> [4P2M136]
15:00	<i>Anete Pausus, Laura Strautina, Peteris Cikmacs and Gunta Krumina</i> <b>Blur adaptation, blur sensitivity and visual load</b> [4P2M138]

#### 16:00-18:00 Session 26A: Networks and coding

CHAIR: Johannes Zanker

LOCATION: A

16:00	<i>Philipp Sterzer, Gregor Wilbertz, Martin Hebart and Matthias Guggenmos</i> <b>Mesolimbic confidence signals guide perceptual learning in the absence of external feedback</b> [4T3A001]
16:15	<i>József Arato, Abbas Khani, Gregor Rainer and József Fiser</i> <b>Statistical determinants of sequential visual decision-making</b> [4T3A002]
16:30	<i>Mirjan van Dijk, Nicolas Gravel, Koen Haak, Nomdo M. Jansoniuss, Pim van Dijk and Frans Cornelissen</i> <b>Connective field mapping in a hemispherectomized patient</b> [4T3A003]
16:45	<i>Yulia Revina, Lucy S. Petro, Cristina Denk-Florea and Lars Muckli</i> <b>Increased stimulation of the non-classical receptive field region results in more information in occluded V1.</b> [4T3A004]
17:00	<i>Benjamin Vincent</i> <b>Bayesian models of perception</b> [4T3A005]
17:15	<i>Andrew T. Morgan, Lucy S. Petro, Luca Vizioli and Lars Muckli</i> <b>Individual scene, category and depth information is fed back to retinotopically non-stimulated subsections of early visual cortex.</b> [4T3A006]
17:30	<i>David Hunter and Paul Hibbard</i> <b>Learning Disparity tuned complex-cell like models using Independent Subspace Analysis</b> [4T3A007]
17:45	<i>Roland Baddeley and Bobby Stuijzand</i> <b>Attention as Gibbs sampling</b> [4T3A008]

#### 16:00-18:00 Session 26B: Multisensory perception

CHAIR:

LOCATION: B

16:00	<i>Anton Beer, Anna Wirth, Sebastian Frank and Mark Greenlee</i> <b>White matter connections of the vestibular and visual-vestibular insular cortex</b> [4T3B001]
16:15	<i>Karin Petrini</i> <b>Prioritizing speed over accuracy in audiovisual integration of threatening stimuli</b> [4T3B002]
16:30	<i>Basil Wahn and Peter König</i> <b>Vision shares spatial attentional resources with haptics and audition, yet attentional load does not disrupt visuotactile or audiovisual integration.</b> [4T3B003]
16:45	<i>Daniel Poole, Ellen Poliakoff, Emma Gowen and Paul A. Warren</i> <b>Visual-haptic cue combination in adults with autism spectrum condition</b> [4T3B004]
17:00	<i>Giulio Sandini, Claudio Campus and Monica Gori</i> <b>Impaired audio spatial abilities in blind adults: a behavioural and electrophysiological study</b> [4T3B005]

17:15	<i>Yuanyuan Aimee Zhao and Colin Blakemore</i> <b>How well do we know whether we are seeing or hearing? On the robustness of modality discrimination.</b> [4T3B006]
17:30	<i>Oliver Toskovic</i> <b>We all live in the anisotropic submarine – differences in perceived distance anisotropy trough senses.</b> [4T3B007]
17:45	<i>Derek Arnold, Morgan Spence and Morgan McIntyre</i> <b>Neural population codes, decisional confidence and cross-modal facilitation</b> [4T3B008]

**16:00-17:45** Session 26C: 3D vision, depth and stereo

CHAIR: *Brian Rogers*

LOCATION: C

16:00	<i>Casper Erkelens</i> <b>The finite depth of visual space inferred from perspective angles</b> [4T3C001]
16:15	<i>Masanori Idesawa and Xiaohong Cheng</i> <b>3-D Perception from Anomalous Motion perceived in Still Figures</b> [4T3C002]
16:30	<i>Vivek Nityananda, Ghaith Tarawneh, Ronny Rosner, Judith Nicolas, Stuart Crichton and Jenny Read</i> <b>Insect stereo vision demonstrated using virtual 3D stimuli</b> [4T3C003]
16:45	<i>Paul Hands and Jenny Read</i> <b>The interaction between familiar size and stereoscopic depth cues</b> [4T3C004]
17:00	<i>Zoltán Derzsi, Ghaith Tarawneh, Kai Alter and Jenny Read</i> <b>A stereoscopic look at frequency tagging: Is a single frequency enough?</b> [4T3C005]
17:15	<i>Olga Naumenko and Brian Rogers</i> <b>The perception of straightness and parallelism in extended lines</b> [4T3C006]
17:30	<i>Danielle Smith, Danielle Ropar, Hannah Radley and Harriet A Allen</i> <b>The functional significance of stereopsis does not follow a developmental trajectory</b> [4T3C007]

**18:00-23:00** Session: Goodbye Party with live music

LOCATION: St Luke's Church

This is also known as the bombed out church (it has no roof). The address is Leece Street, Liverpool, L1 2TR. You will see it as you walk downhill along Hardman Street.

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 Bellacosa Marotti Rosilari 4P1M131  
 Ben Shalom Asaf 1P1M003  
 Ben-Shahar Ohad 4P2M110 1T2B004  
 Benedetto Alessandro 2P1M083  
 Bennett Kate 4P2M044  
 Bennett Katrina 4P1M023  
 Bennett Matthew 4P2M124  
 Bennett Patrick J. 4P2M008 1T3B007  
 Bennett Simon J. 3P2M064  
 Bennett Simon 3P2M080  
 Bennetts Rachel 1P1M077  
 Benton Christopher 1P2M070  
 Benwell Christopher 4P1M001  
 Berchicci Marika 1S1B003  
 Bernard Jean-Baptiste 3T2A006 2S1A006  
 Bernardis Paolo 3P1M073  
 Bertalmo Marcelo 2P2M092  
 Bertamini Marco 3S1B001 1T2C005 3P2M006  
 1P2M112 3P2M114 1P1M133 2T3C001 4P2M070 3T3C003  
 Bertoni Sara 4P1M131 4P1M003  
 Bex Peter 4P1M119 4P2M112  
 Bichot Alain 3P2M138  
 Bilcock Vincent 4P1M059  
 Bindemann Markus 2P1M011  
 Blagrove Elisabeth 2P2M026  
 Blakemore Colin 4T3B006  
 Blakeslee Barbara 1T3C006  
 Blakeway Stewart 1P2M124  
 Bliem Harald R. 1P2M084  
 Blinnikova Irina 1P1M123 2P2M122  
 Bloj Marina 4S1B004  
 Boggio Paulo Sérgio 2P2M078  
 Bognár Anna 3P1M127  
 Bona Silvia 3S1B003  
 Bossard Martin 3P1M011  
 Bosten Jenny 2P1M095  
 Both Bernhard 2T3C001  
 Boucard Joyce 4P2M048  
 Bourke Lorna 4P1M075 4P1M013  
 Boutsen Luc 1P1M057  
 Bove Giuseppe 1P2M118  
 Bowden Richard 4S1A004  
 Bowman Howard 1P1M009  
 Bowns Linda 3P2M014  
 Boyacı Hüseyin 2P1M087  
 Boyadzhiev Ivaylo 1T2B003  
 Boyce Tian 1P1M077  
 Bozzacchi Chiara 3P1M065  
 Braddick Oliver 1T3A008  
 Bradley Pearce 2P2M088 2P2M076  
 Brady Nuala 3P2M076  
 Braidd David 4S1B002  
 Braithwaite Jason 4P2M018  
 Brand Andreas 4P2M036  
 Brascamp Jan W 2P1M017  
 Braun Doris 2P2M130 3P1M041  
 Braun Jochen 3P1M129 3T2A002  
 Brayda Luca 4P1M077  
 Brecher Kenneth 2P1M079  
 Brederoo Sanne 4P1M057  
 Breitenbach Sonja 4P2M040  
 Breitmeyer Bruno 2P2M040  
 Bremner Andrew 3P1M121  
 Brenner Eli 2T2A006 4P2M052 4P2M114  
 Brewster Stephen 4P1M089  
 Bridge Holly 1P1M031 1S1B001  
 Brinkhuis Manje 2P1M017  
 Brooks Joseph 1P1M009  
 Brooks Kevin 2T3B001  
 Brostow Gabriel 4S1A003  
 Brouwer Harm 2P1M021  
 Brown Holly 3P1M131  
 Brunner Freimuth 4P1M063  
 Bruno Nicola 2P2M058  
 Bruyns-Haylett Michael 4P1M035  
 Brysbaert Marc 3S1B002  
 Buckingham Gavin 3P2M070 2T3A007 3P1M059  
 Buckley David 4P2M094 4P2M050 4P1M053

Buckley	John	3P2M080 3P2M064	Collins	Thérèse	3T2A005 4P2M014
Buiteman	Stijn	4P2M114	Colomb	Michèle	1P1M027
Bülthoff	Heinrich	3P1M061	Conci	Markus	1P1M029
Bülthoff	Isabelle	1P2M056 3P1M077	Contemori	Giulio	4P2M010 4P1M011
Bülttude	Janet	2P1M113	Cooney	Sarah	3P2M076
Burnett	Gary	2P1M047	Cooper	Natalia	4P2M072
Burnett	Katherine	1T2A006	Cornack	Rosannah	3P1M045
Burr	David	2P1M063 3T2C001 1S1B003	Corneilsen	Frans W	2S1A004 4P2M052
3T2C003			Corneilsen	Frans W.	2T3C007 4P2M048
Burton	A. Mike	2P1M011	Corradi	Guido B.	4T3A003
Butler	Emily E.	1P2M098	Correa	Marta	1P1M111
Butler	Joe	2P2M046	Correia	Sherryse	1P1M035
Caetano	Marcelo S.	1P1M041	Corrow	Marcelo	1T3B007 1P2M044
Caharel	Stéphanie	1P2M066	Costa	Thiago	2P2M094
Calabrése	Aurélié	2S1A006	Costa	Gaëlle	2P2M078
Call	Josep	1P2M110 1P1M119	Coullon	Nelson	1S1B001
Calmels	Claire	3P1M057	Cowan	George	1P1M019
Calzolari	Sara	4P1M011	Cox	Matthew	2P1M101
Camp	Sarah	4P2M128	Cranwell	Andre M.	2T3B004
Campbell	Charlotte	4P1M053	Cravo	Stuart	1P1M041
Campos	José	4P1M125	Crichton	Filipe	4T3C003
Campus	Claudio	4T3B005	Cristino	Rodney	4P2M100 2P1M113 2P2M046
Camurri	Antonio	4P2M092	Croft	Ian	1T3A005
Canal-Bruland	Rouwen	3S1A005	Cross	Alice G.	4P2M092
Canessa	Andrea	4P2M116	Cruickshank	Alice	3P2M064
Cao	Robin	3P1M129	Cruickshank	Valéria	3P2M080
Caparos	Serge	2P2M014 3P1M121	Csépe	Gerg	4P1M093
Cappagli	Giulia	4P1M073 2T3B002 1P2M076	Csete	Péter	3P1M127
3T2C001			Csibri	Maria	3P1M127
Cappe	Céline	4P2M036	Cucu	Darren	3P1M015
Caramazza	Alfonso	3T2C006	Cunningham	Darren	3P1M135
Carbon	Claus-Christian	2S1B001 2P1M057 1P2M046	Curcio-Blake	Branislava	4P2M048
1P1M013 1P1M091 1P2M064 2S1B004 1P1M129 1P1M109 1P2M102 3P1M095 1P1M125 1P2M130 1P2M120			Cuthill	Innes C.	2P2M120
Carefoot	Olivia	1P2M092	Cuthill	Innes	3P2M030 2P1M107
Carlisle	Nancy	1T3A004	Cutts	Megan	4P2M076
Carmel	David	1P2M108	Cuturi	Luigi	2T2A001
Carrasco	Maria	2P2M038 4P2M030	Czanner	Gabriela	4P2M044
Casco	Clara	4P2M010 4P1M011	D'Argenzio	Michela	1T3B004
Cass	John	4P1M087 2T2C002	D'Avossa	Giovanni	1P2M024 1T3B006 1P1M043
Cassanello	Carlos R.	3T2A005	Dakin	Steven	2T2B004
Castellano	Marta	3P1M113	Dalmaso	Mario	2P1M119 1T2A002
Castellanos	F. Xavier	4P2M030	Daniela	Herzig	1T3B001
Castelli	Luigi	2P1M119	Date	Munekazu	4P2M096
Castet	Éric	2S1A006 3T2A006	Daum	S. Oliver	2T3C001
Catchpole	Gemma	1T2C001	Davidoff	Jules	3P1M121
Catmur	Caroline	3S1A002	Davies	Simon	4P1M013 4P1M075 1P2M026
Cattaneo	Zaira	3S1B003	Davies-Thompson	Jodie	1P2M044
Cavanagh	Patrick	3P2M040	Davis	Greg	3P1M045
Cecchetto	Stefano	4P1M061 4P2M062	Davis	Helen	4P2M094
Cecchini	Marco	2P1M123 1T3B004	Davletshina	Maria	4P1M029
Ceconci-Marcotti	Claudia	4P1M085	Day	Mhairi	4P2M108
Chadwick	Alice C	2P2M101	Day	Mhari	4P2M024
Chakravarthi	Ramakrishna	3T2C005 2T2C003 3P1M091	De Bezenac	Christophe	4P2M070
Chamberlain	Rebecca	3P2M118	de Almeida	Vasco	2P2M132
Chambers	Alison	2P2M100	de Fockert	Jan	3P1M121
Champion	Rebecca A.	3P1M027 3P1M025	de Freitas	Maria Helena	2P2M134
Chang	Chien-Kai	1P1M081	de La Malla	Cristina	4P2M114
Chang	Dorita H.F.	3T3C007	de La Rosa	Stephan	3P1M061 3S1A005 3P1M077
Chang	Franklin	3P1M053	De Sá Teixeira	Nuno	2P2M114
Chassy	Philippe	1P2M124	De Sousa	Gabriela	4P2M050 4P1M053
Chaston	Anthony	3P1M003	De-Wit	Lee	3P2M112 3P2M118
Chater	Nick	1P2M002	Deas	Lesley M.	4P2M102
Chauhan	Tushar	2P1M065	Dechterenko	Filip	3P2M018 4P1M123
Chen	Chien-Chung	4P1M101 4P2M098 4P1M099	Dejana	Katja	3P2M126
2P1M099			Delbel	Simone	1P2M102
Chen	Chun-Man	1P2M068	Dekker	Tessa	1S1B004
Chen	Pei-Yin	4P1M099	Delevoeye-Turell	Yvonne	3P1M063
Chen	Rongrong	3P2M074	Delicato	Louise	1P1M061 1P1M069
Chen	Yi-Chuan	4P2M068	Demarco	Paul	4P2M090
Cheng	Xiaohong	4T3C002	Demeyer	Maarten	3P2M100
Chernishova	Marina	2P1M125	Demidov	Alexander	1P1M049
Chetverikov	Andrey	1T2C002	Denk-Florea	Cristina	4T3A004
Cheung	Sing-Hang	4P1M127	Denniss	Jonathan	4P1M137
Cheung	Yuk Ting Leo	4P1M127	Dent	Kevin	4P1M115
Chien	Sarina Hui-Lin	1T3B003 1P2M068 1P1M081	Derzi	Zoltán	4T3C005
Chkonia	Eka	4P2M036	Devita	Miriam	4P2M002
Chockley	Alexander S.	4P1M095	Devue	Christel	1P2M108
Chotsrisuparat	Chayada	3P2M044	Devyatko	Dina	3P2M004
Chow	Hui Mei	3T3B007	Di Luca	Massimiliano	3P2M002 3P1M005
Cicchini	Guido Marco	3T2C001	Di Russo	Francesco	1S1B003
Cikmacs	Peteris	4P2M138	Dickinson	Abigail	4P1M035 4P1M023
Clarke	Aaron	3P1M085 3P2M086 1T3B001	Dickinson	J Edwin	3P2M128
Clarke	Alasdair	3T2A004 3T3B002	Dickinson	J. Edwin	3P1M115
Clarke	Michael	1S1B002	Dickson	Ruth	3P1M075
Clawson	Hannah	3P2M106	Dillenburgur	Barbara	2P1M115
Clery	Stéphane	1P2M114	Dirk	Seidel	4P2M108
Clifford	Colin W G	3P1M107	Dittmer	Lieke	1P1M097
Coates	Daniel	2T2C004	Diitye	Thomas	1P2M034
Codina	Charlotte	4P2M050 4P1M053	Doddson	Daniel B.	2P2M024
Coello	Yann	3P2M054 3P1M063	Doerschner	Katja	1T2B004
Cole	Jonathan	3P2M070	Dombrowe	Isabel	2P2M044
Collier	Elizabeth	2T3A002	Domdei	Niklas	4P2M058 2P2M124



Domini	Fulvio	3P1M065	Fujimoto	Kanon	4P1M105
Dong	Junyu	2P1M105 1P1M131 2P2M104	Fujita	Ichiro	2P1M131
Donohue	Sarah E.	2P2M066	Fujiwara	Kazumi	4P1M017
Donovan	Tim	1P1M005	Fukui	Takao	3P1M069
Dore	Patricia	2P1M069	Fung	Jeffrey	2T2A004
Dörschner	Katja	4P2M110	Furlan	Michele	2P2M110 1T2B005
Dovencioğlu	Dicle	1T2B004	Gabree	Scott	3T3C005
Dovencio_lu	Dicle	4P2M110	Gabrielli	François	3P2M054
Downing	Paul	1P1M127 4P2M064 1P2M024	Galambos	Péter	4P1M093
Doyle	Edward	4P2M046	Galfano	Giovanni	2P1M119
Dresp-Langley	Birgitta	3P1M117	Galna	Brook	4P1M015
Drewes	Jan	2P1M037 2P2M036	Galuta	Ilija	4P1M029
Drewing	Knut	4P2M088	Gan	Su Ren	1T3A002
Dugué	Laura	2P2M038	Gan	Yanhai	2P1M105
Duke	Philip	4P2M094	Ganel	Tzvi	1P2M048 1P1M003
Dumani	Ardian	2P1M069	Ganis	Giorgio	3P1M019
Dundon	Neil	1P1M043 1P2M024	Garcea	Frank	3P2M058
Dunn	Matt	3P1M047	Garner	Matthew	4S1C006 1P1M137
Dunn	Stephanie	4P1M019	Garofalo	Gioacchino	2P2M058
Durant	Szonya	2P1M127	Gartus	Andreas	1P2M132
Edwards	Stephen Gareth	1T2A002	Gebauer	Fabian	1P1M013 1P2M102 1P2M120
Ehlers	Jan	4S1C005	Gegenfurner	Karl	4S1B004 3T3C004 1T3C007
Eimer	Martin	1T3A007 2P1M013 2P1M029	2P2M130 3P1M041 2T3A007		
1T3A004 1P1M085			Geier	János	4P2M118
Ekroll	Vebjørn	1S1A006	George	Nithin	2P1M001
Elbaum	Tomer	4P1M071	Georgeson	Mark	4P1M117
Elder	James H.	2T2B001	Gepshtein	Sergei	2T3C005
Elder	James	4S1A001	Geringswald	Franziska	4P1M047
Elipot	Marc	3P1M057	Geyer	Thomas	2P1M081 1P1M029
Ellison	Amanda	2P1M035	Gheorghes	Tamara Nicoleta	3P2M092
Endres	Dominik	1P1M099	Ghose	Tandra	2P2M128
Eng	Vivian	1T3A002	Ghosh	Kuntal	3P2M098
Ennis	Robert	1T3C007	Gibaldi	Agostino	4P2M116
Erhardt	Stefanie	4P2M066	Giese	Martin A.	1P1M099 2T2A003
Ericksen	Jonathan T.	4P1M039	Giesel	Martin	3P1M081
Erkelens	Casper	4T3C001	Gilchrist	Alan	1T3C005
Erle	Thorsten Michael	2S1B003	Gilchrist	Iain	2P2M118
Ermakov	Pavel	2P1M005	Gilligan	Therese	2P1M113
Eskew	Rhea	3T3C005	Gillman	Hannah	1P2M080
Essock	Edward	4P2M090	Giordano	Bruno	4P2M092
Estal	Victor	2T2A006	Giusti	Debora	1T3B004
Ettner	Jennifer	1P2M120	Gledhill	Johanna	4P1M049
Ewing	Louise	1T3B002 1P1M095 1P2M054	Glowinski	Donald	4P2M092
Facoetti	Andrea	4P2M002 4P1M003	Gobel	Matthias	1S1C005
Fademrecht	Laura	3P1M077	Godau	Christoph	3T2B005
Fahle	Manfred	4P1M063	Goebel	Rainer	4P1M109
Falkenberg	Charlotte	2P2M098	Goettler	Alexander	4P1M065
Fallis	James	4P1M075	Goffaux	Valerie	4P1M005
Farkas	Attila	1P1M087	Gokcay	Didem	4S1C004
Farran	Emily	1T3B002	Goldfarb	Liat	2P1M009
Fassnidge	Chris	4P1M085 4P2M086	Gomez	Rosanna	4P1M023
Faul	Franz	2P1M097 2P2M098	Gómez-Puerto	Gerardo	1P1M119 1P2M110 1P1M111
Faure	Géraldine	2S1A006	Goncalves	Nuno R.	4P1M109
Favrod	Ophélie	4P1M021	Goodale	Melvyn A.	2T3A007
Fedorov	Leonid	2T2A003	Goodbourn	Patrick	2P2M042
Feldmann-Wüstefeld	Tobias	2P2M052	Gordienko	Ekaterina A.	2P2M108
Fernandes Costa	Marcelo	3P2M010 3P1M009	Gordon	Gael E.	3S1C005
Fernandez	Ana	4P2M108	Gorea	Andrei	3T2C004
Ferrari	Vera	2P2M058	Gori	Monica	2T3B002 4P1M073 4T3B005
Ferreira	Patricia	1P1M095	4P1M077		
Fiehler	Katja	3P2M052 4P1M065	Gori	Simone	4P1M003 4P2M002
Finocchietti	Sara	2T3B002 4P1M073	Gouws	Andre	3P2M132 3P1M131 3P2M106
Fischer	Uwe C.	1P1M109	Gowen	Emma	4P2M026 3P1M083 4T3B004
Fiser	József	4T3A002	1P2M092 2T3A001		
Fisher	Carmen	3P1M111	Grace	Tom	1P1M087
Fisher	Katie	1P1M085	Gracheva	Maria	4P1M027 4P1M045
Flavell	Jonathan C.	3P2M064 3P2M080	Graf	Erich	1T3C001 2P1M049
Fleming	Roland W.	2P2M096 2T3A007	Grandison	Alexandra	1P1M117 2P1M059
Fletcher	Kimberley	1P2M044	Granjon	Lionel	3T2C004
Fletcher	Paul	2T2B004	Grassi	Massimo	3P1M033
Fomins	Sergejs	4P1M135	Grassini	Simone	2P1M041
Forder	Lewis	2P2M062	Gravel	Nicolas	4T3A003 2T3C007
Foreman	Nigel	3P2M134	Gray	Katie	1P1M137
Formankiewicz	Monika A.	4P2M132	Gray	Lyle S.	4P2M108 4P2M024
Fornaciai	Michele	3T2C003	Green	Corinne	1P2M050
Förster	Julia	2P1M117	Greenlee	Mark W.	2T2B005 4P1M095 2S1A003
Foster	David	4S1B003	3P2M116 4T3B001		
Foster-Thornton	Georgie	4P1M015	Greenwood	John A.	2T2C005
Foulkes	Andrew	3P1M035 1P2M124	Greven	Inez	1P1M127
Foulsham	Tom	1S1C004 1S1C003	Grierson	Ian	2S1A005 4P2M044
Franceschini	Sandro	4P1M003	Grimshaw	Gina	1P2M108
Franchin	Laura	4P1M003	Groombridge	James	2P1M067
Frangou	Polytimi	1P1M035	Grubert	Anna	1T3A004 2P1M013 2P1M029
Frank	Sebastian	4T3B001	1T3A006		
Franke	Ivana	1P1M135	Grün	Sonja	2P1M131
Franklin	Anna	1T2C001 2P2M062 2P1M063	Grzeczkowski	Lukasz	3P2M086
2P1M059			Guadagno	Angela	1T3B004
Freeman	Elliot D.	4P2M086 4P1M085	Güglütürk	Ya_mur	1P1M089 1P2M106
Freeman	Tom C	3P1M015 4P2M016 4P1M039	Guest	Duncan	4P1M133
Freeth	Megan	1S1C001 4P1M019	Guggenmos	Matthias	4T3A001
Freitag	Christiane	1S1B005	Guihe	Jessica	1P1M027
Friellink-Loing	Andrea	2P2M018	Guimaraes	Diego	2P2M074
Fründ	Ingo	2T2B001	Gunnell	Daniel	1P2M006

Guo	Kun	1P2M050 1P1M093	Hudák	Mariann	4P2M118
Gutmanis	Natasha	2P1M093	Huestegge	Lynn	4S1C002
Gutu	Tatiana	4P2M044	Hughes	Anna	3P2M020
Haak	Koen	4T3A003	Hunt	Amelia	1S1C002 3P1M079 3T2A004
Hadad	Bat Sheva	4P2M012	3T3B002		
Hadwin	Julie A.	4S1C006	Hunter	David	4T3A007
Haenschel	Corinna	1P1M025	Hurlbert	Anyia	4S1B005 2P2M076 2P1M077
Haley	Krystle	3P2M128	2P1M067 2P2M088		
Halfmann	Marc	4P1M097 2T2A002	Hussain	Zahra	1S1B007 4P1M051
Hands	Paul	4T3C004	Hutchinson	Claire	3P1M017
Hanekamp	Sandra	4P2M048	Huygeller	Hanne	3P2M118
Hansmann-Roth	Sabrina	1T2B002	Hýoná	Jukka	2P2M016
Haque	Yoursa	1P2M078	Iannoni	Maria Elena	2P1M123
Harada	Daisuke	3P2M024	Ichihara	Shigeru	4P2M080
Harasawa	Masamitsu	2P2M034	Ida	Masahiro	4P2M048
Harauzov	Alexey	3P1M125	Idesawa	Masanori	4T3C002
Hardiess	Gregor	4P2M066 2T2A002	Ikaunieks	Gatis	4P2M042
Harding	Simon	4P2M044	Imaizumi	Shu	4P1M067
Hardy	Robert	2P1M047	Imura	Tomoko	3P1M097
Harmening	Wolf	2P2M124 4P2M058	Ince	Robin	1P2M080
Harrington	Alexandra	1P2M078	Irvine	Alex	3T2A004
Harris	Julie	1P2M122 3P2M080 3P2M064	Ischebeck	Anja	2P2M118
Harris	Samantha	2P1M093	Ishihara	Masami	4P2M080
Harrison	Neil	2P2M048 4P1M013	Ishikane	Hiroshi	2P2M034
Harrison	William	4P1M119	Ito	Junji	2P1M131
Harry	Bronson	1P2M024	Itoh	Yuji	1P2M014
Harvey	Monika	2P1M007 4P1M001	Ivanov	Viadimir	2P1M125
Harwood	Mark	3T2A005	Izaute	Marie	1P1M027
Harwood	Sarah	1P1M101	Izmalkova	Anna	2P2M122 1P1M123
Hatta	Takeshi	4P1M017	Jachim	Stephen	3P1M083 4P2M026
Hatton	Christopher	1P2M082	Jackson	Jade	1P2M012
Hauch	Valerie	2T3A005	Jacob	Jane	2P2M040 1P1M021
Hausdorff	Jeffrey	4P1M015	Jacob	Namita	1S1B005
Havard	Catriona	3T3A006	Jacobs	Christianne	1P1M021 2P2M040
Hawkins	Sarah	4P2M092	Jacobs	Richard	1P2M106 1P1M089
Hayn-Leichsenring	Gregor	1T2C003	Jakovljević	Ivana	2P2M072
Hayward	William	1P2M058	Janković	Dragan	1P2M136
Hazenberg	Simon Jan	3P2M130	Janssonius	Nomdo M.	4T3A003
He	Xun	2P2M062	Janssens	Eva	1S1B006
Heard	Priscilla	1P1M079	Jardine	Nicole	2T2B002
Hebart	Martin	4T3A001	Jeans	Rhiannon	1T3A005
Hecht	Heiko	2T3C001 4P2M060	Jeanette	Coline	1P2M066
Hedger	Nicholas	1P1M137	Jellema	Tjeerd	1P1M055 3P1M055 1P2M032
Hein	Elisabeth	3P1M101	3P2M048		
Heinrich	Sven P.	4P2M032	Jenkins	Michael	2P1M013
Helmy	Mai	2P2M112	Jenkins	Rob	1P2M076
Henik	Avishai	1T2A006 3P1M007	Jennings	Ben	3T2B003
Henning	G. Bruce	3T3C002	Jeon	Seong Taek	4P2M056
Henriksson	Linda	3P2M122	Jessop	Andrew	3P1M053
Henson	David	3S1C003	Ji	Luyan	1P1M067
Hepsomali	Piril	4S1C006	Jian	Muwei	1P1M131
Hermens	Frouke	2P1M011 1T3C003 3S1A004	Jiang	Yi	4P2M082 1P2M100 2T2A005
Herold	Lisa	4P2M032	Jingling	Li	3P1M087 3P2M088 3T3B007
Hertz	Uri	1P2M038	João	Catarina	2P2M134
Hertzog	Michael H.	4P1M021 2T3C002 3P1M085	Jóhannesson	Ómar I.	2P1M121 3T3B005 1T2C002
1T3B001 3P2M086 4P2M036			Johnston	Richard	4P2M038
Hess	Robert F.	3T3C007	Johnston	Robert A	3T3A004
Hesse	Constanze	3P1M059 3P1M079 2T3A003	Johnston	Stephen	2P1M109
Hesselmann	Guido	3P1M013	Jones	Katie	1P1M107
Hesslinger	Vera M.	1P1M129 2P1M057	Jones	Luke	2T3A001
Heywood	Charles	3T2B002	Jones	Myles	4P1M035
Hibbard	Paul	1S1A005 4T3A007	Jones	Nicholas	3P2M020
Higashiyama	Atsuki	4P1M107	Jones	Pete R.	3S1C004
Hilano	Teluhiko	3P1M103	Jones	Peter	1S1B004
Hillis	Charlottes	1P2M044	Jonsdottir	Lilja	2P2M010
Hille	Kyoko	1P2M014	Jos	Ellen	3P2M120
Hirai	Keita	4P1M043 1P1M033	Jordan	Gabriele	2P2M088 2P1M075
Hirota	Risa	4P2M084	Joshi	Maresh Raj	4P2M056
Hockettstaller	Johanna	4P1M095 3P2M116	Jovanovic	Ljubic	2T3C004
Hodgson	Eric	4P1M059	Juttnar	Martin	1P1M065 1P1M057
Hoffart	Louis	2S1A006	Kalwarowsky	Sarah	3S1C004
Höfler	Margit	2P2M118	Kamachi	Miyuki G.	3P2M024 1P2M060 1P1M059
Hogan	Benedict	3P2M030	1P2M062		
Holcombe	Alex	2P2M042	Kane	David	2P2M092
Holland	Martin	4P2M044	Kaneko	Sae	2P2M102
Hollingworth	Andrew	3T3B004 3T2A003	Kano	Fumihiko	1P1M119
Holmes	Tim	1P2M116 2P1M127	Kapteine	Liva	4P2M042
Holz	Frank	4P2M058	Karaminis	Themis	3T2C001 1P2M076
Holzleitner	Iris	3T3A001	Karlaftis	Vasileios	1P2M036
Honbolygó	Ferenc	4P1M093	Karmiloff-Smith	Annette	1T3B002
Honda	Yuma	4P2M096	Kashino	Makio	4P1M041
Hongo	Maya	1P2M060 1P2M062 1P1M059	Kashyap	Raagini	1P1M079
Hopf	Jens-Max	2P2M066	Kassaliete	Evita	3P1M021
Horiuchi	Takahiko	1P1M033 4P1M043	Kastrup	Andreas	4P1M063
Hörnig	Frederic	3P1M095	Kato	Nobumasa	4P1M041
Horowitz	Todd	3T3B006	Katshu	Zia	1P2M024
Horr	Ninja Katja	3P2M002	Kawabata	Hideaki	1P2M090
Hu	Shun-Fu	1P1M081	Kawaguchi	Katsuhisa	1P2M114
Huang	Lingyun	2P1M081	Kawahara	Jun-Ichiro	3P2M068
Huang	Pi-Chun	3P2M136	Kawakami	Fumito	3P1M097
Huang	Shwu-Lih	1P1M115	Kawashima	Tomoya	2P2M028
Hubbard	Timothy L.	1P2M134	Kayano	Jun	2P1M003
Huckauf	Anke	4S1C003 4S1C005	Kaye	Helen	4P2M004

Keeble	David	1P1M083	Laprevote	Vincent	1P2M066
Keeffe	Bruce	3P2M106 3P1M131 1P1M055	Larcombe	Stephanie	1P1M031
3P2M048			Lauffs	Marc M.	2T3C002
Keil	Andreas	2S1C005 2P2M082	Laurent	Xavier	3P2M066
Keitel	Christian	2S1C004 2S1C002	Lavie	Nilli	1T3A001
Kelly	Eleni	1P2M078	Lawrence	Samuel	3P1M131
Kennard	Christopher	1P1M031	Lawrie	Sophie	1P2M022
Kentridge	Robert W	2P1M101 3T2B002	Lawson	Rebecca	4P2M062 4P1M061 2T3A002
Keramati	Mehdi	1P2M038	Le Couteur	Ann	2T3B004
Kerridge	Jon	4P2M006	Learmonth	Gemma	4P1M001
Kerzel	Dirk	1T3A006	Leder	Helmut	1P2M132
Khani	Abbas	2P2M106 4T3A002	Ledgeway	Timothy	4P2M038 3P1M029 3P1M017
Kietzmann	Tim C.	2P1M023	Lee	Anna	2P1M059
Kim	Jong-Jin	1P2M078	Lee	Rob	2P1M103 3T2B006
Kim	Seok-Hun	3P2M042	Lee	Xuan K.	2T2C005
Kimchi	Ruth	2T3C006 3P2M090	Leek	Charles	1P2M024 4P2M100
Kimura	Takahiko	4P1M017	Lei	Quan	3T2C002
Kincses	Zsigmond Tamás	3P1M127	Lelandais	Sylvie	3P2M138
Kingdom	Frederick	3T2B003 3P2M082	Leonards	Ute	3P2M062
Kingstone	Alan	1S1C006 1S1C003	Lepecq	Jean-Claude	3P1M011
Kiorpes	Lynne	2T3B007	Levi	Dennis M.	1P2M042
Kirta	Takahiro	1P2M096	Levine	Alexandra	4P2M050 4P1M053
Kiritani	Yoshie	1P2M074	Lew	Timothy	2T2B003
Kirpichnikova	Anna	1P2M124	Lewis	Elizabeth	2T3A001
Kitaoka	Akiyoshi	2P2M060	Lewis	Terri L.	4P2M068 4P2M012
Kitching	Rebecca	2P1M093	Lezkan	Alexandra	4P2M088
Knight	Helen C.	2P1M035	Li	Junru	1P1M099
Knights	Ethan	2T3A006	Li	Li	3P2M074
Knoblich	Guenther	3S1A003 3P2M060	Li	Min	3P1M005
Knoeferle	Pia	2P1M021	Li	Roger W.	1P2M042
Knox	Paul	1P2M112 2P1M111 2P2M112	Liaci	Emanuela	3P1M043
Knudsen	Synove	4P2M086	Liakhovetskii	Vsevolod	3P2M124
Kobor	Andrea	4P1M093	Liao	Wen-Hung	1P1M115
Koenderink	Jan	1S1A002 3P2M110 3P2M126	Lighezzolo-Alnot	Joëlle	1P2M066
Kogure	Reishi	2P1M033	Likova	Lora	4P1M081
Kohama	Takeshi	2P1M129 2P2M050	Lillikas	Linda	1P2M078
Kohler	Peter	3S1B027	Lillywhite	Amanda	4P2M092
Kovisto	Mika	2P1M041	Lin	Yih-Shiuan	4P2M098
Kojima	Haruyuki	1P1M113	Lin	Yu Ying	1P1M037
Kojima	Takehito	4P2M096	Linhares	João	2P2M132 2P2M134
Koller	Kristin	1P2M082	Linnell	Karina	2P2M014 3P1M121 2P2M020
Komatsu	Hidemi	4P1M079 4P2M080	Linnert	Szlvia	1P1M017
Komellipoor	Naeem	3P1M051	Litchfield	Damien	1P1M005
Komuro	Yurina	1P2M074	Liu	Dong	4P2M082 2T2A005
Kondoni	Tatenda	3P1M017	Liu	Jun	2P2M104 2P1M105
König	Peter	4T3B003 2P1M023	Liu	Peipei	4P2M054 4P1M089
Koning	Arno	2P2M018 3P2M044	Liu	Rui	1P2M100
Körner	Christof	2P2M118	Liu	Yishi	2T2C005
Kornmeier	Jürgen	3P2M120 3P1M043	Liversedge	Simon P.	4S1C006
Korolkova	Olga A.	1P1M063	Ljubica	Jovanovic	3P2M072
Kosilo	Maciej	1P1M025	Lo	Shih-Yu	2P2M042
Kourtzi	Zoe	2S1A002 1P1M035 1P2M036	Lochy	Aliette	3T3A007 1P2M072
Kovalev	Artem	3P2M104	Loffler	Gunter	3S1C005
Kranz	Laura	1P2M108	Logan	Andrew J	3S1C005
Krasimirova KiryakovReneta		1P2M022	Logvinenko	Alexander	4S1B001
Krastina	Anete	3P1M021	Long	Mike	2P1M047
Kravchenko	Eduard	3P2M134	Lopez-Moliner	Joan	2T3A004
Kristensen	Stephanie	3P2M058	Lord	Sue	4P1M015
Kristjánsson	Arni	2P2M010 2P1M121	Lorenceau	Jean	2P2M126
Kristjánsson	Arni	2P1M017 3T3B005 1T2C002	Lorenzi	Elena	3P1M033
Krivykh	Polina	3P2M102	Love	Scott	2T3B006
Krol	Manon	3P1M055 1P2M032	Lowers	Victoria	4P2M044
Krüger	Hannah Marie	2P1M015	Luciani	Massimiliano	4P2M034
Krumina	Gunta	3P2M124 4P1M037 4P2M138	Lukas	Sarah	4S1C003
4P1M135 4P2M042 3P2M038			Lukavsky	Jiri	4P1M123 3P2M018
Kubilius	Jonas	3P2M112	Lunke	Christopher	1P1M045
Kulikova	Alena	2P1M043	Lunghi	Claudia	1S1B003
Kulke	Louisa	1T3A008	Lyakhovetskii	Vsevolod	3P2M038
Kumar	Neeraj	2P2M002 2P1M019	Macdonald	James S. P.	2P2M020
Kume	Yuichiro	4P1M083	Macgillivray	Carol	1P2M128
Kunar	Melina	1P2M002 1P1M107	MacInnes	Joseph	2P1M043 2P1M015 2P2M108
Kunchulia	Marina	1T3B001	2P1M055		
Kuniecki	Micha	1P1M139 1P1M105	Macinska	Sylvia	1P2M032
Kuriki	Ichiro	1T2B001	Macleod	Mary J.	2T3A003
Kurita	Naoki	2P2M068	MacNeilage	Paul	2T2A001
Kurman Petrozzelli	Constanza	2T3C007	Macrae	C. Neil	1S1C002
Kurosumi	Motonori	1P2M062 1P1M059 1P2M060	Maddison	Sarah	4P2M078
Kurppa	Lilja-Maaria	3T3C003	Maehara	Goro	1P1M121
Kuvaldina	Maria	1T2C002	Magalhaes	Adsson	3P2M010 3P1M009 2P2M094
Kwon	Si Mon	1T3A002	Mahon	Aoife	3P1M079 3T2A004
Kyberd	Peter	1P2M092	Mahon	Brad	3P2M058
Lachmann	Thomas	1P2M016	Makin	Alexis	3S1B006 3S1B001 3P2M114
Lacis	Ivars	3P1M021	1T2C005 3T3C003		
Laguesse	Renaud	1P2M072	Makwana	Mukesh	3P2M050
Lai	Carlo	1T3B004 4P2M034 2P1M123	Mallick	Arijit	3P2M098
Laicane	Ilze	3P2M038	Mallot	Hanspeter	2T2A002 4P2M066 1P1M011
Laidlaw	Kaitlin	1S1C006	4P1M097		
Lamaddalena	Stefania	1P2M118	Maloney	Laurence	4S1B007
Lancier	Stephan	1P1M011	Maloney	Ryan	3P1M107
Landwehr	Jan R.	2S1B006	Mamassian	Pascal	1T2B002
Landwehr	Klaus	3P2M096	Manassi	Mauro	3P1M085
Langley	Keith	4P2M126	Manjaly	Jaison	2P1M019
Langner	Robert	2P2M022	Manning	Catherine	1S1B004

Mantiuk	Rafa_	1T3C001	Müller	Matthias	2P2M082
Marchenko	Olga	1P2M018 1P1M123	Mullin	Caitlin	3P2M112
Marchotte	Mélanie	1P1M027	Munar	Enric	1P1M119 1P1M111
Marhofer	David J.	4P2M032	Munar Roca	Enric	1P2M110
Mari-Beffa	Paloma	3P2M008 3P2M066 1P2M022	Muraki Asano	Chie	4P2M084
Markovic	Slobodan	2S1B005 1P2M094	Murata	Kayoko	4P2M080 4P1M079
Marosi	Diana-Maria	3T2C005	Murley	Alexa	2T3B001
Martin	Anne B	2T2B006	Murray	Ebony	1P1M077
Martin	Frances	3P1M031	Muschler	Evelyn	2P1M037
Martin	Joel	2P1M109	Mustafar	Faiz	2P2M106
Martinovic	Jasna	3T3C003 1P1M025	Muth	Claudia	1P1M129
Martins	Isabelle Christine	2P2M074	Myszkowski	Karol	1T3C001
Mast	Fred	3P2M086	Naccache	Lionel	3P1M057
Mastandrea	Stefano	1P2M118	Nadal	Marcos	1P2M110
Masuda	Naoe	4P1M079 4P2M080	Nagahata	Moe	2P2M034
Mather	George	3P2M012 3P2M028	Nagai	Masayoshi	3P2M068
Matsumoto	Eriko	1P2M126 2P2M028	Nagino	Koji	4P1M017
Matsushita	Soyogu	3P1M089	Naito	Tomoyuki	1T2B006
Mattia	Maurizio	3P1M129	Nakajima	Kae	1P1M053
Mattingley	Jason	1T3A003	Nakajima	Yasoichi	3P1M069
Mattschey	Jennifer	2P2M004	Nakamura	Anna	3T2B001
Maule	John	2P1M063	Nakamura	Koyo	1P2M090
Maurer	Daphne	4P2M012 4P2M068	Nakano	Yasushi	4P1M079 4P2M080
May	Keith	2T2C006	Nakauchi	Shigeki	1P1M053 2P2M030 1P2M008
Mayer	Stefan	2S1B006			
Mazza	Marianna	1T3B004	Nakaura	Yoshiya	3P2M032
Mazza	Veronica	3T2C006	Nakayama	Minoru	1P1M047
McCourt	Mark	1T3C006	Nakayama	Ryohei	3T2B001
McGinn	Tomohawk Paul	3T3C003	Nako	Rebecca	2P1M029
McGovern	David	4P2M120	Namdar	Gal	1P2M048
Mcgraw	Paul	3P1M029 4P2M120 1S1B007	Nardini	Marko	3S1C004
4P1M051 1P2M042			Nascimento	Sergio	2P2M132 2P2M134
Mcgruer	Fiona	3P2M034	Nasiopoulos	Eleni	1S1C003
McIlhagga	William	3T3C006	Naumenko	Olga	4T3C006
McIlreavy	Lee	4P1M039	Navajas	Joaquin	1P2M038
McIntyre	Morgan	4T3B008	Neil	Louise	1P2M076 3T2C001
McKeefry	Declan	3P1M131	Ng	Michelle	2P1M059
Meinhardt	Guenter	3T3B001 4P2M136	Nicholas	Spero	4P1M081
Melcher	David	2P2M036 2P1M037	Nicolas	Judith	4T3C003
Melke	Kristine	3P1M021	Nienborg	Hendrikje	1P2M114
Melo	Maria	2P2M134	Nieuwenstein	Mark	4P1M057
Melton	Hollie	2P1M093	Nihei	Yuji	1P2M008
Menneer	Tamaryn	1P2M004	Nishigaki	Masami	3P1M093
Menshikova	Galina	3P2M102 3P2M104	Nishino	Makoto	2P1M129
Mentus	Tatjana	1P2M094	Nishizaki	Yukiko	3P2M068
Meredith	Zoe	4P2M016	Nityananda	Vivek	4T3C003
Mermillod	Martial	1P1M027	Noceti	Nicoletta	4P1M007
Mestre	Daniel R	3P1M011	Noens	Ilse	4P2M020
Meyer	Georg	4P2M072	Noonan	May	2P2M076
Mikellidou	Kyriaki	3P2M106	Norcia	Anthony	3S1B007
Mikulskaya	Elena	3P1M031	Nordhjem	Barbara	2T3C007
Miller	Louisa	3P1M059	Norman	Liam	3T2B002
Milne	Elizabeth	4P1M019 4P1M023 4P1M035	Norman	Roseanna	2P1M093
Mimami	Tetsuto	1P1M053 2P2M030 1P2M008	Novikova	Kristina	3P2M134
2P2M090			Nowakowska	Anna	3T3B002
Mineff	Kris	4P1M081	Nummenmaa	Lauri	2P2M016
Minemoto	Kazusa	1P1M075	O'Connor	Anna	4P2M104
Miyao	Masaru	4P2M096	O'Hare	Louise	4P2M022
Mizukoshi	Koji	1P2M060 1P1M059 1P2M062	O'Hashi	Norifumi	1P1M033
Mizuno	Tota	4P1M083	O'Keefe	Eleanor	4P2M090
Moehler	Tobias	3P2M052	O'Regan	Kevin	2P2M070 3T2B005
Mohler	Betty	1P2M056	O'Shea	Alanna Oshea	3P2M076
Möller	Michael	3P1M095	O'Sullivan	Noreen	4P2M070
Mollon	John	2P1M095 2P1M075	Oda	Koichi	4P2M130 4P1M025 3P2M026
Molteni	Massimo	4P2M002	Odone	Francesca	4P1M007
Mond	Jonathan	2T3B001	Offiah	Amaka	1P2M030
Montagner	Cristina	2P2M134	Olif	Shiran	3P1M007
Moody	Rosie	1P2M108	Ö_men	Haluk	2T3C002
Moore	Cathleen	2T2B002	Öhnishi	Madoka	4P1M025 4P2M130
Moors	Pieter	3P1M119	Ohta	Akira	3P2M078
Moran	Rani	3T3B003	Ohtsuka	Satoko	2P1M033
Morgan	Andrew T.	4T3A006	Okajima	Katsunori	2S1A001 2P2M064 4P2M074
Morgan	Graham	1S1B002			
Morgan	Hannah	1P2M026	Okazaki	Akane	1P2M074
Morgan	Michael	2T3C003 2P1M115 2P1M117	Oksama	Lauri	2P2M016
3P1M109			Okubo	Noriko	1P2M074
Mori	Masaki	4P1M103	Okuda	Shino	2P2M064 4P2M074
Morita	Ichizo	4P2M096	Oliver	Jonathan P	2P1M101
Morland	Antony	3P2M132 3P2M106 3P1M131	Olivers	Christian N.L.	2T2C002
Morrone	Maria Concetta	1S1B003 2P1M083	Olzak	Lynn	4P1M059
Moscoso Del Prado	Fermin	3T2A006	Op de Beek	Hans	3S1B005 3P2M112
Motoyoshi	Isamu	3P2M024	Or	Charles C.-F.	1P1M071
Mouta	Sandra	4P1M125	Or	Kazim Hilmi	2P2M086
Moutoussis	Konstantinos	4P1M129	Orekhova	Elena	4P1M029
Moutsiana	Christina	1T3A001	Orlandi	Andrea	3P2M022
Movshon	J. Anthony	2T3B007	Orlov	Pavel	2P1M125
Muckli	Lars	4P2M124 3P2M034 4P1M069	Ortibus	Els	1S1B006
4T3A004 4T3A006			Ortlieb	Stefan A.	1P1M109 1P2M120 1P1M125
Mueller	Matthias	2S1C002	Ossandón	José P.	2P1M023
Mueller	Stefanie	4P1M065	Otazu	Xavier	1P2M122
Mullen	Kathy	3T3C006 3T3C007	Otsukuni	Terumi	4P2M130
Müller	Hermann	1P1M029 2P1M081	Ott	Florian	2T2A002
Müller	Matthias M.	2P1M039 2S1C004	Otters	Wilmer	4P2M114

Ouhnana	Marouane	3P2M082	Raab	Marius Hans	1P2M120
Ozolins	Maris	3P1M123	Radley	Hannah	4T3C007
Pachai	Matthew V.	1T3B007	Rafal	Robert	2P1M113 1P2M082
Palmer	Luke	1T3A001	Rainer	Gregor	4T3A002 2P2M106
Palumbo	Letizia	1P1M133 1P1M055	Rampone	Giulia	1T2C005 1P2M112 1S1B006
Pamir	Zahide	2P1M087	Ramsey	Richard	1T2C004 1P1M127 1P2M098
Pancaroglu	Raika	1P2M044	Raphaël	Sabine	2P1M075
Pandolfo	Anna Lucia	2P1M123	Rashal	Enat	3P2M090 2T2C001
Panesar	Harpal	1P2M038	Ratnam	Kavitha	2P2M124
Panis	Sven	1P1M001	Rausch	Manuel	2P2M008
Panke	Karola	4P2M042	Raymond	Jane E.	2P2M024
Pannasch	Sebastian	3T2A001	Rea	Francesco	4P1M007
Papasavva	Michael	1P1M095	Read	Jenny	1S1B002 4T3C004 4P2M028
Papathomas	Thomas	1P1M087	3P1M023 4T3C005 4T3C003		
Papera	Massimiliano	2P2M032	Reber	Rolf	2S1B003
Paramei	Galina	1P2M124 4P1M021	Redfern	Annabelle	1P2M070
Paris	Sylvain	1T2B003	Redmill	David	3P2M062
Park	Emily	1T2A004	Reeves	Adam	4S1B006 3T2C002 3P2M126
Parker	Andrew	1S1B001	Regener	Paula	2T3B006 4P1M089
Parkosadzje	Khatuna	4P2M014	Regolin	Lucia	3P1M039 3P1M033 1P1M039
Parraga	C. Alejandro	2P2M056	Reid	Vincent	1P1M017
Parton	Andrew	2P1M045	Reidy	John	2P2M084 3P2M092
Pasqualotto	Achille	1P2M020	Reinvalde	Agnese	4P1M135
Pastukhov	Alexander	3T2A002 1P2M130 3P1M129	Reiter	Theresia K.	1P1M125
Paton	Angus	4P1M069	Remington	Roger	1T3A003
Paulewicz	Borys_aw	2P1M025	Renaud	Laguesse	3T3A007
Paulins	Paulis	3P1M123	Renken	Remco	2T3C007
Paulun	Vivian C.	2T3A007	Retter	Talia L.	1P1M071 3T3A003
Pausus	Anete	4P2M138	Reuther	Josephine	2T2C003
Pavan	Andrea	3P2M116	Revina	Yulia	4T3A004
Pearce	Bradley	4S1B005 2P1M067 2T3B004	Reyes	Marcelo B.	1P1M041
Pearson	Nathan	1P1M057	Riby	Deborah	2T3B004
Pedley	Adam	1P1M117	Richards	Anne	1P1M097 2P2M032 1P1M095
Peirce	Jonathan	3P1M135	Richardson	Daniel	1S1C005
Pellicano	Elizabeth	2P1M063 1S1B004 1P2M076	Rider	Andrew T.	3T3C002
Pellicano	Liz	3T2C001	Rider	Delphine	3T2C004
Penacchio	Oliver	1P2M122	Rifai	Katharina	4P1M031
Peperelli	Robert	1S1A003 1P1M111	Rinkenauer	Gerdard	4P1M113
Perini	Francesca	4P2M064	Risko	Evan	1S1C003
Peromaa	Tarja	3P1M051	Risuenho	Barbara	2P2M074
Perrett	David	3T3A001	Ritchoer	Stephanie	3T3A006
Perry	Gavin	3T3A002	Roach	Neil W.	4P2M078 4P2M038 2P2M100
Persa	Gyorgy	4P1M093	Roberts	Craig	1P2M024
Persike	Matte	4P2M136 3T3B001	Roberts	Daniel	1P2M024
Perz	Malgorzata	2P2M080	Roberts	Mariel	4P2M030 2P2M038
Petre	Yasmine	1S1B006	Robson	John	3S1C001
Petrini	Karin	4T3B002 2T3B006	Rochester	Lynn	4P1M015
Petro	Lucy S.	4T3A004 4T3A006 3P2M034	Röder	Susanne	1P1M091
4P1M069 4P2M124			Rogers	Brian	4P2M106 4T3C006
Pezzulo	Giovanni	1P1M027	Roinishvili	Maya	4P2M036
Piano	Marianne	4P2M112	Rolfs	Martin	3T2A005
Pieczkolan	Aleksandra	4S1C002	Rolke	Bettina	2P2M022 3P1M101
Pilarczyk	Joanna	1P1M105 1P1M139	Romero-Ferreiro	Verónica	3P1M023
Pilling	Michael	4P1M133 4P2M128	Ronconi	Luca	4P1M131 4P2M002 4P1M003
Pilz	Karin	1T3B001	Roorda	Austin	2P2M124 4P2M058
Pinna	Baingio	3P2M126	Ropar	Danielle	4T3C007
Pinto	Yair	1P2M028	Rosa Salva	Orsola	3P1M033 1P1M039 3P1M039
Plotrowska	Barbara	4P2M006	Rose	David	2P1M061
Plovesan	Andrea	4P2M070	Rosemann	Stephanie	4P1M063
Pipa	Gordon	3P1M113	Rosengarth	Katharina	2S1A003
Pitchford	Nicola J.	4P2M038	Rosenholtz	Ruth	1T2A004
Plaisted-Grant	Kate	3P1M045	Rosner	Ronny	4T3C003
Plank	Tina	2S1A003	Ross	Alasdair I.	2T3A003
Plantier	Justin	3P2M138	Ross	Nicholas	3P1M041
Plewan	Thorsten	4P1M113	Rossi	Marla	1P2M028
Poder	Endel	2P1M053	Rossion	Bruno	2S1C001 3T3A003 1P1M071
Pohl	Ladina	1T2A002	3T3A007 1P2M072		
Poliakoff	Elien	2P2M092 4T3B004 2T3A001	Rossit	Stephanie	3P1M071 1P2M086 2T3A006
Politis	Ioannis	4P1M089	Roumani	Daphne	4P1M129
Pollick	Frank	4P2M054 2T3B006 4P1M089	Roumes	Corinne	3P2M138
4P2M092			Rousselet	Guillaume	1P2M080
Polmann	Stefan	4P1M047	Routledge	Jack	1P1M061
Pollux	Petra	1P1M093 1P1M045	Roy	Sourya	3P2M098
Poncet	Marlene	3T2C006	Rozhkova	Galina	4P1M045 4P1M027
Poncin	Aude	4P1M005	Rubin	Gary S.	3S1C004
Pont	Sylvia	1T2B002 4P1M111	Rudd	Michael	1T3C002
Poole	Daniel	4T3B004	Rugani	Rosa	3P1M039
Porcu	Emanuele	2P2M082	Ruppel	Susan E.	1P2M134
Portron	Arthur	2P2M126	Rushton	Simon	3P1M047 3P1M035
Pourriahi	Paria	1P2M114	Ruta	Nicole	1P2M118 1P1M133
Pourtois	Gilles	1P1M067	Rychkova	Svetlana	4P1M027 4P1M045
Powell	Georgina	4P2M016	Sabatini	Silvio P.	4P2M116
Prescot	Andrew P.	1P1M035	Sabu	Simily	2P2M002
Pronin	Sergei	3P2M134	Sahni	Jayashree	4P2M044
Proverbio	Alice Mado	3P2M022	Sahraie	Arash	1S1C002 3T3B002
Prozmann	Viktoria	4P1M097	Saïda	Shinya	1P1M121
Pushina	Natalia	4P1M029	Salasc	Charles-Antoine	3P2M138
Putzeys	Tom	3P2M046	Salmela	Vijjami	3P2M122
Qi	Lin	2P2M104	Salomao	Railson	2P2M074
Quesque	Francois	3P1M063	Salter	Sarah	1P1M087
Quétard	Boris	1P1M027	Sandini	Giulio	4T3B005 4P1M007
Quinlan	Katherine	1P1M065	Santolin	Chiara	1P1M039
Quinton	Jean-Charles	1P1M027	Santos	Jorge	4P1M125 2P2M132

Sapir	Ayelet	1T3B006 2P2M046	Smeets	Jeroen B.J.	2T2A006 4P2M114
Saruyama	Makiko	1P2M052	Smith	Andrew T.	2P2M110
Sáry	Gyula	3P1M127	Smith	Anika	2T3B005 2P1M093
Sasaki	Masaharu	2P2M116	Smith	Daniel T.	2P1M035
Satel	Jason	1T3A002	Smith	Daniel	2P2M008 2P2M012
Sato	Hironichi	1T2B006	Smith	Danielle	4T3C007
Sato	Takao	3T2B001	Smith	Fraser	1P2M086
Sato	Yusuke	2P2M116	Smith	Laura	2P1M095 3P1M015
Saville	Christopher W. N.	1P2M098	Smith	Marie L.	1P1M095
Sawada	Tadamasa	1P1M007	Smith	Marie	1P2M054 1T3B002 1P1M097
Sayim	Blige	3P1M099 3P2M108 1P1M135	Smith	William	1P2M088
2T2C004			Smithson	Hannah E	2P1M101
Scheepers	Christoph	4S1C001	Smithson	Hannah	3T2B006 2P1M103
Schelske	Yannik T. H.	2P2M128	Solomon	Joshua	3P2M084
Schenk	Thomas	2T3A003 2P2M006	Solomon	Samuel G.	2T2C005
Schettino	Antonio	2P2M082	Soo	Leili	3P1M091
Schilbach	Leonhard	3S1A004	Sopov	Mikhail	1P1M015
Schiller	Florian	3T3C004	Soranzo	Alessandro	2P2M084 3P2M092
Schiltz	Christine	4P1M005	Sormaz	Mladen	1P2M088
Schluppeck	Denis	3P1M029 4P1M051	Souto	David	1P2M004
Schlüter	Nick	2P1M097	Souza	Givago	2P2M074 2P2M078
Schmack	Katharina	4P1M033	Sowden	Paul	2P1M059 1P1M117
Schmidt	Filipp	2T3A005	Spehar	Branka	2T3C006
Schmidt	Thomas	2T3A005 1P1M001	Spence	Morgan	4T3B008
Schmidtmann	Gunnar	3P2M082	Sperandio	Irene	3P1M111
Schmitt	Andreas	1P2M016	Spinelli	Donatella	2P1M083
Schneider	Tobias Matthias	1P2M064	Spokes	Tara	1T3A005
Schoenfeld	Mircea A.	2P2M066	Spray	Helen	3P1M121
Schofield	Andrew J	4P1M009	Sreenivas	Shubha	3T3A005
Schönhammer	Josef G.	1T3A006	Srinivasan	Narayanan	3P2M050
Schreiber	Kai	3P1M109	Stafford	Tom	1P2M030
Schubert	Torsten	2P2M054	Stakina	Yulia	2P1M055
Schubö	Anna	2P2M052	Stephen	Ian	2T3B001 1P1M083
Schultz	Alexander	2P2M130	Stephenson	Lisa	1T2A002
Schulz	Johannes	3T2A001	Sterzer	Philipp	4T3A001 3P1M013 4P1M033
Schütz	Alexander	3P1M041	2T3B003		
Schwan	Reymund	1P2M066	Stevanov	Jasmina	1T2B005 1P2M116
Schwarzkopf	D. Samuel	1T3A001	Stevenson	Dick	2T3B001
Schwertner	Emilia	1P1M105	Steyaert	Jean	4P2M020
Schyns	Philippe	1P2M080	Stockman	Andrew	3T3C002
Sciutti	Alessandra	4P1M007	Storrs	Katherine	3P1M137
Scott	Christina	2P1M093	Strasburger	Hans	4P2M122
Scott-Samuel	Nicholas	1T2B005 3P2M030 2P1M107	Strauch	Christoph	4S1C005
2P2M120			Strautina	Laura	4P2M138
Sebanz	Natalie	3S1A003 3P2M060	Stroganova	Tatiana	4P1M029
Seglina	Madara	4P2M042	Stuijzand	Bobby	1P2M010
Seibold	Verena C.	2P2M022	Stuijzand	Bobby	4T3A008
Seidel	Dirk	4P2M024	Stuit	Sjoerd	4P1M121
Sekine	Shiori	3P2M016	Styrkowiec	Piotr	3P2M056
Sekuler	Allison B.	4P2M008 1T3B007	Sullivan	Brian	2P1M021
Sekulovski	Dragan	2P2M080	Sun	Xin	2P1M105
Serrano-Pedraza	Ignacio	3P1M023 1S1B002	Sun	Zhongqiang	1T2A005
Seya	Yasuhiro	3P2M032 2P1M089 3P2M036	Sunny	Meera	2P1M019 1P1M103 3P1M049
2P2M068 2P1M091			3P1M001 2P1M001 2P2M002		
Seymour	Kiley	2T3B003	Sutherland	Margaret	4P2M054
Shaqiri	Albulena	1T3B001 4P2M036	Suzuki	Naoto	1P2M052
Sharan	Lavanya	1T2A004	Suzuki	Yuta	2P2M090
Sharman	Rebecca J.	3P2M028 3P2M012	Svatonova	Hana	1P1M023
Sharp	Craig	1S1B002	Svede	Aiga	4P1M037
Shelepin	Yuri	3P2M134 3P1M125	Swalwell	Robert	2P2M012 2P2M006
Shen	Ching-Hua	3P2M136	Syed	Zeeshan	2P2M020
Shen	Mowel	1T2A005	Sysoeva	Olga	4P1M029
Shepard	Timothy	3T3C005	Szczepanowski	Remigiusz	3P2M056
Shepherd	Alex	2P1M069	Szukalski	Susann	2P1M039 2S1C002
Sherry	Katie	4P1M075	Szymanek	Larissa	1T2C006
Shi	Yaxin	2P2M104	Tai	Chu-Lik	1T3B003
Shigemasu	Zhuanghua	2P1M081	Tajima	Daisuke	4P1M083
Shiina	Hiroaki	4P1M091	Takacs	Jadwiga	4P2M132
Shiina	Kempei	3P2M094	Takada	Hideaki	4P2M096
Shim	Kenpei	3P1M133	Takagi	Ryu	1P1M059
Shimono	Leeseul	4P1M089	Takahashi	Aoi	4P2M130
Shimono	Koichi	4P1M107 2P1M003	Takahashi	Chie	4P2M018
Shinkai	Takahiro	2P2M030 2P2M090	Takahashi	Nobuko	3P1M093 3P2M094
Shinoda	Hiroyuki	3P2M032 2P2M068 2P1M091	Takano	Ruriko	1P2M074
2P1M085 2P1M089 3P2M036			Takehara	Takuma	1P2M052
Shirai	Nobu	3P1M097	Takehi	Shinya	4P1M043
Shirama	Aya	4P1M041	Takemura	Akihisa	4P2M074
Shore	David I.	4P2M068	Takemura	Hiromasa	3P1M037
Shoshina	Irina	3P2M134	Talas	Laszlo	2P1M107 1T2B005
Siedlecka	Marta	2P1M025	Tambelli	Renata	1T3B004
Siki	Radovan	1P1M023	Tamm	Gerly	1P1M019
Silva	Carlos	4P1M125	Tamura	Hiroshi	2P1M131
Silvanto	Juha	3S1B003 1P1M021 2P2M040	Tan	Ken W. S.	3P1M115
Silveira	Luiz Carlos	2P2M078 2P2M074	Tanaka	Shota	3P2M078
Simmers	Anita	4P2M112 4P2M056	Tarawneh	Ghaith	4T3C003 4T3C005
Simmons	David R.	1T2C006	Taroyan	Naira A.	2P2M084
Sincich	Lawrence	4P2M058	Tas	Caglar	3T2A003
Singh	Divita	1P1M103	Taubert	Nick	1P1M099
Singh	Manish	1S1A004	Te Pas	Susan	4P1M121
Skelton	Alice	1T2C001	Tebartz van Elst	Ludger	3P1M043
Skerswetat	Jan	4P2M132	Teufel	Christoph	2T2B004
Skilters	Jurgis	3P2M038 3P2M124	Thaler	Lore	4P2M076
Slavat	Natalie	1P2M078	Tham	Diana Su Yun	2P1M059

Thirkettle	Martin	1P2M030 3T3A006	Vizioli	Luca	4P1M069 4T3A006
Thomas	Tony	3P1M049	Vogels	Ingrid	2P2M080
Thompson	Peter	3P2M106	Voinov	Pavel	3P2M060 3S1A003
Thornton	Ian M.	3T3B005 1P2M056	Volberg	Gregor	2T2B005 4P1M095
Thoroddssen	Theodora A.	2P1M121	Volcic	Robert	3P1M065
Thut	Gregor	4P1M001 2P1M007	Volná	Blanka	1P2M054
Tiainen	Mikko	3P1M051	Volonakis	Timothy N.	2P2M120
Tidbury	Laurence	4P2M104	von der Heydt	Rüdiger	2T2B006
Tiddeman	Bernard	3T3A001	Vota	Roby Michelangelo	4P2M110 4P1M111 1T2B004
Tiippana	Kaisa	3P1M051	Voudouris	Dimitris	4P1M065
Timm	Silja	2P1M023	Voyles	Angela	2T3B007
Timmermans	Bert	3S1A004	Vromen	Joyce	1T3A003
Timrote	Ieva	4P1M135	Vroomen	Jean	4P1M087
Ting	Yun	3P2M088	Vul	Edward	2T2B003
Tino	Peter	1P2M036	Vuong	Quoc C	3T3A007 1P2M072
Tkacz-Domb	Shira	2T2C001	W. Roach	Neil	4P1M137
Todorovic	Dejan	2T3C004	Wada	Makoto	3P1M069
Togoli	Irene	3T2C003	Wade	Alex	3P2M132 2T3B005 4P1M049
Toivo	Wilhelmiina	4S1C001	3P1M131		
Tokunaga	Rumi	2P1M085	Wade	Nicholas J	4P2M122
Tolhurst	David	3P2M020	Wagemans	Johan	1S1A001 3P1M119 3S1B005
Tomonaga	Masaki	3P1M097	2T2C004 3P1M099 3P2M110 3P2M046		4P2M020 3P2M112 3P2M118
Tonelli	Alessia	4P1M077	1S1B006		
Tonin	Diana	2T3A006	Wagner	Michael	4P1M071
Topolinski	Sascha	2S1B003	Wahl	Siegfried	4P1M031
Torii	Shuko	2P2M116	Wahn	Basil	4T3B003
Torok	Agoston	4P1M093	Wailes-Newson	Kirstie	2P1M093
Toscani	Matteo	1T3C007	Wake	Hiromi	1P1M121
Toskovic	Oliver	4T3B007 3P2M072	Wake	Tenji	3P2M078
Towler	John	1T3A007 1P1M085	Walker	Peter	1P1M005
Trevelyan	Andrew	4P2M028	Walker	Robin	2P2M110
Truksa	Renars	3P1M021	Wallis	Stuart	4P1M117
Tseng	Chia-Huei	3P1M087	Walter	Sabrina	2P1M039
Tseng	Chiahuei	3T3B007	Walthes	Renate	1S1B005
Tsetlin	Marina	4P1M029	Wamain	Yannick	3P2M054
Tsetsos	Konstantinos	1P2M002	Wang	Li	4P2M082
Tudge	Luke	2P2M054	Wang	Lina	2P1M105
Turvey	Michael	3P2M042	Wang	Rui	1P1M035 1P2M036
Tyler	Christopher	3P2M084 4P1M101 4P1M081	Wang	Yi-Zhong	3S1C002
4P1M099			Wang	Ying	2T2A005
Ueda	Takashi	3P1M133	Ward	James	3P2M048
Uesaki	Maiko	3P1M037	Ward	Robert	3T3A005 1P2M098
Ul Haq Katshu	Mohammad Zia	1P1M043	Warren	Paul A.	3P1M025 3P1M083 3P1M027
Ulrich	Philip I N	3T3A004	4P2M026 4T3B004 3P1M035		
Urabe	Hiroataka	2P1M085	Watanabe	Kana	2P1M003
Usher	Marius	3T3B003 2P1M045	Watanabe	Toshio	4P1M103
Utochkin	Igor	2P1M055 3P2M004	Watanabe	Tsukasa	2P1M003
Utz	Sandra	1P2M046	Watson	Derrick	1P2M006 2P2M026 1P1M107
V. McGraw	Paul	4P1M137	1P2M002		
Vablas	Andrius	1S1C001	Watt	Simon	3P1M075 4P2M064
Vainio	Lari	3P1M051	Waugh	Sarah J.	4P2M132
Vainio	Martti	3P1M051	Webb	Ben	1S1B007 4P1M051 1P2M042
Vakhrameeva	Olga	3P1M125	4P2M078		
Vallortigara	Giorgio	1P1M039 3P1M039 3P1M033	Weilnhammer	Veith	2T3B003 3P1M013
Valsecchi	Matteo	3T3C004	Weiss	David	4S1B004
Van Alphen	Carljin	3T2B005	Welbourne	Lauren	4P1M049
Van Assen	Jan Jaap R.	2P2M096	Welchman	Andrew E.	4P1M109 1P2M036
Van der Burg	Erik	2T2C002 4P1M087	Wentura	Dirk	1P2M138
Van Der Haegen	Lise	3S1B002	Wereszczynski	Karol	2P1M045
Van der Hallen	Ruth	3P2M118	Werner	Annette	3T2B004
van der Helm	Peter A.	3S1B004	Westermann	Gert	1P1M017
van der Smagt	Maarten	4P1M121	White	Mark	4P2M072
van Dijk	Mirjan	4T3A003	Whittaker	Roger	4P2M028
van Dijk	Pim	4T3A003	Wierzchoń	Michał	2P1M025
van Doorn	Andrea	3P2M110 1S1A002 3P2M126	Wiggott	Alison	3P1M067
van Ee	Raymond	1T3B005	Winjjes	Maarten	4P1M111 4P2M110 1T2B004
Van Humbbeeck	Nathalie	3P2M046	Wilbertz	Gregor	4T3A001
van Leeuwen	Cees	2T3C005	Wilcox	Laure M.	4P2M102
van Lier	Rob	3P2M044 2P2M018 1P2M106	Wilder	John D.	2T2B001
1P1M089 3P2M130			Wilkins	Arnold	1P2M122
van Vliet	Christine	3P2M108	Wilkinson	David T	3T3A004
van Wezel	Richard	1T3B005	Wilkinson	Frances	1P2M078
Vancleef	Kathleen	1S1B006 1S1B002	Wilkinson	Victoria	4P1M049
Vangorp	Peter	1T3C001	Willenbockel	Verena	3T3A007 1P2M072
Vanmarcke	Steven	4P2M020	Williams	Christopher K. I.	4S1A002
Vanni	Simo	3P2M122	Williams	Dawn	1P1M061
Vañó-Viñuales	Javier	1P1M111	Williams	Guy	1P2M036
Veniero	Domenica	2P1M007	Williams	Stacey	1P1M097
Ventura	Dora	2P2M078	Willis	Alexandra	4P2M006
Vergeer	Mark	3P1M119	Wilson	Hugh R.	2T2A004
Verma	Ark	3S1B002	Wincenciak	Joanna	1P1M069 1P1M055 3P2M048
Vernon	Richard	3P2M132 3P1M131	Winkielman	Piotr	2S1B002
Vershinina	Elena	3P2M134	Wirth	Anna	4T3B001
Vicente	Raul	3P1M113	Wirth	Benedikt Emanuel	1P2M138
Vigano	Gabriel J	3P1M107	Witzel	Christoph	2P2M070 2P1M077 3T2B005
Vignolo	Alessia	4P1M007	Wolohan	Felicity	2P1M111 2P2M112
Villaligues	Marcia	2P2M134	Wong	Hoo Keat	1P1M083
Villidaite	Greta	2P1M093	Wong	Kai Pong James	3P2M074
Vince Nagy	Balazs	3P2M010 3P1M009	Woodhouse	Rob	2P2M048
Vincent	Benjamin	4T3A005	Woollgar	Alexandra	1P2M012
Vinnikov	Margarita	1T2A001	Wörner	Rike	3P1M043
Vishwanath	Dhanraj	4P1M055	Wright	Damien	3P2M114 3S1B006
Vivian-Griffiths	Solveia	3T2A002	Wu	Chia-Ching	2P1M099

Wuerger	Sophie	2P1M077 4P2M044 4P2M104	Yue	Yue	1P2M104
2P1M065 2P1M071			Yuen	Kenneth	3P1M007
Xiao	Kaida	2P1M071 2P1M065	Yun	Xuyan	3P2M130
Xiong	Yingzi	1P2M040	Yuras	Gabriel	4S1C003
Xu	Qian	2T2A005	Yusuke	Fujimoto	2P1M091
Yabuzaki	Jiro	1P2M062	Zaidi	Qasim	4S1B008 3P1M081 1T3C004
Yamada	Shogo	2P1M089	Zamboni	Elisa	3P1M029
Yamada	Yohei	3P2M068	Zamuner	Edoardo	1P2M058
Yamaguchi	Motonori	1P1M101	Zang	Xuelian	2P1M081
Yamaji	Ryo	3P2M036	Zani	Alberto	3P2M022
Yamakawa	Tatsuya	4P2M096	Zanker	Johannes	4P2M046 2P1M127 1P2M116
Yanaka	Kazuhisa	3P1M105 3P1M103	Zavagno	Daniele	2P1M073
Yaname	Yukako	2P1M131	Zdravkovic	Suncica	1T3C003
Yang	Jisien	1P1M073	Zdravkovi_L	Sun_ica	2P2M072
Yang	Yung-Hao	2P1M051	Zehetleitner	Michael	2P2M008 3T3B003
Yasuda	Masahiro	1P1M047	Zhang	Junyun	1P2M040
Yasuda	Takashi	3P1M133	Zhang	Meng	1T2A005
Yates	Julian	2P1M071	Zhang	Xue	2T2A005
Yavna	Denis	2P1M005	Zhao	Yuanyuan Aimee	4T3B006
Yazdani	Partow	4P2M028	Zhaoping	Li	3T3C001 2T2C006
Yeh	Su-Ling	2P1M051	Zharikova	Aleksandra	2T3C005
Yen-Wen	Chen	2P1M051	Zhou	Jifan	1T2A005
Yeshurun	Yaffa	2T2C001 3P2M090 2T3C006	Zhou	Wen	1P2M100
Yokoi	Kazushi	4P1M017	Zhu	Weina	2P2M036 2P1M037
Yoshida	Hisashi	2P2M050 2P1M129	Ziemba	Corey	2T3B007
Yoshida	Masaki	4P2M048	Ziemele	Anda	4P1M115
Yoshida	Takako	3P2M078 4P1M083	Zimasa	Elina	3P2M038
Yoshikawa	Sakiko	1P1M075	Zimmermann	Friederike G S	1P2M072 3T3A007
Yoshizawa	Tatsuya	3P2M016	Zimmermann	Jan	4P1M109
Young	Andrew W.	1P2M088	Zito	Michele	3P2M006
Yu	Cong	1P2M040	Zlatkute	Giedre	4P1M055
Yu	Deyue	4P2M134	Zoumpoulaki	Alexia	1P1M009
Yu	Miao	1P2M002	Zubair	Hamza	3P1M001
Yu	Wenjun	1T2A005	Zupan	Zorana	2P2M026



## **Liverpool and around: places of attraction**

### **St George Hall and the National Museums Group**



**At the heart of Liverpool's St George's Quarter, St George's Hall is a breathtaking venue which hosts public events and exhibitions. Built in the early 1800s as a space for music festivals and the Civil and Crown courts, the hall has always been at the heart of community life in the city.**

#### **The Walker Art Gallery**

It houses one of the largest art collections in England. The Walker Art Gallery's collection dates from 1819 when the Liverpool Royal Institution acquired 37 paintings from the collection of William Roscoe. The collection grew over the following decades: in 1851 Liverpool Town Council bought Liverpool Academy's diploma collection and further works were acquired from the Liverpool Society for the Fine Arts, founded in 1858.



#### **Central Library**

The William Brown Library and Museum is a Grade II listed building situated on the historic William Brown Street in Liverpool, England. The building currently houses part of the World Museum Liverpool and Liverpool Central Library.



#### **World Museum**

It has extensive collections covering archaeology, ethnology and the natural and physical sciences. Special attractions include the Natural History Centre and a free Planetarium.



## The University Area and Hope Street



**At the two extremes of Hope St. the two cathedrals face each other.**

### **Liverpool Cathedral**

Liverpool Cathedral is the Church of England Cathedral of the Diocese of Liverpool, built between 1904 and 1978 on St James's Mount in Liverpool and is the seat of the Bishop of Liverpool.

It ranks as the fifth-largest cathedral in the world and contests with the incomplete Cathedral of Saint John the Divine in New York City for the title of largest Anglican Church building.



### **Metropolitan Cathedral**

Liverpool Metropolitan Cathedral, formally the Metropolitan Cathedral of Christ the King, is the seat of the Archbishop of Liverpool and the mother church of the Roman Catholic Archdiocese of Liverpool. The cathedral's architect, Frederick Gibberd, was the winner of a worldwide design competition. Construction began in 1962 and took five years. The Grade II Metropolitan Cathedral is one of Liverpool's many listed buildings.



### **The Williamson Tunnel-Heritage Centre**

The Williamson Tunnels are a labyrinth of tunnels in the Edge Hill area of Liverpool, which were built under the direction of the eccentric businessman Joseph Williamson between 1810 and 1840. They remained derelict, filled with rubble and refuse, until archaeological investigations were carried out in 1995. Since then excavations have been carried out and part of the labyrinth of tunnels has been opened to the public as a heritage centre.



## China Town

Chinatown in Liverpool is located near the city centre's southern edge close to Liverpool Cathedral, and is home to the oldest Chinese community in Europe. The arch located at the gateway is also the largest, multiple-span arch of its kind outside of China, the largest single-span arch being located in Washington D.C.



## St. Luke

St Luke's Church is a former Anglican parish church, which is now a ruin (also known as *the bombed out church*). It stands on the corner of Berry Street and Leece Street, looking down the length of Bold Street. The church was built between 1811 and 1832, and was designed by John Foster, senior and John Foster, junior, father and son who were successive surveyors for the municipal Corporation of Liverpool.



## Bold Street

Bold Street is a prestigious street located in the heart of Liverpool city centre. The street is famously known for having the most independent small and large businesses.

This bohemian feeling street, with restaurants, bars, bistros, boutiques, world food stores, fashion retail, sport shops, gothic, Bridal, Christening and furniture to keep you busy all day is a street that is popular amongst tourists and locals. The friendly open spaced vibe is second to none and it gives tourists a unique perspective on the culture of Liverpool.



## FACT

The Foundation for Art & Creative Technology is a new media arts centre based on Wood Street. For audiences, FACT provides a point of entry into the arts of film, video and new media. For artists, it is a support system without parallel in the UK. For Liverpool, it forms a key aspect of its cultural and economic renaissance. FACT was a key organisation during Liverpool's European Capital of Culture year, 2008.



## City centre and Liverpool One



**A spectacular piece of street theatre to commemorate the First World War. The giant visitors embarked on an emotional journey around the city in August 2014.**

### Town Hall

The town hall was built between 1749 and 1754 to a design by John Wood the Elder. It is recorded in the National Heritage List for England as a designated Grade I listed building, and described in the list as "one of the finest surviving 18th-century town halls".



### The Bluecoat

A creative hub, which showcases talent across visual art, music, dance, live art and literature. Built in 1716-17 as a charity school, Bluecoat Chambers in School Lane is the oldest surviving building in central Liverpool and it is part of UNESCO patrimony.



### The Cavern Club

The original Cavern Club opened in 1957 as a jazz club, later becoming a centre of the 'rock and roll' scene in Liverpool in the 1960s. The Beatles played in the club in their early years.



### Liverpool One – Shopping centre

High street fashion brands and boutiques. Chavasse Park overlooks the waterfront with its cafes and restaurants.



## The Albert Dock



**The Albert Dock is a complex of dock buildings and warehouses. Designed by Jesse Hartley and Philip Hardwick, it was opened in 1846, and was the first structure in Britain to be built from cast iron, brick and stone, with no structural wood. As a result, it was the first non-combustible warehouse system in the world.**

### Tate Gallery

The gallery opened in 1988 and is housed in a converted warehouse within the Albert Dock on Liverpool's waterfront. Tate Liverpool was created to display work from the Tate Collection which comprises the national collection of British art from the year 1500 to the present day, and international modern art. The gallery also has a programme of temporary exhibitions.



### Maritime Museum

Opened in 1980 and expanded in 1986, the city's seafaring heritage is brought to life within the historic Albert Dock. The museum's collections reflect the international importance of Liverpool as a gateway to the world, including its role in the transatlantic slave trade and emigration, the merchant navy and the RMS *Titanic*.



### The Beatles Story

The Beatles Story is a visitor attraction dedicated to the 1960s rock group The Beatles.





## The Waterfront



**Liverpool's skyline has been built up mostly in the last 10 years.**

### Pier Head and the Three Graces

For nearly a century the Three Graces - The Royal Liver Building, The Cunard Building and the Port of Liverpool Building - have defined one of the world's most recognised skylines. These majestic buildings were conceived and constructed as visible symbols of Liverpool's international prestige, proud emblems of its commercial prowess.



### The Museum of Liverpool

It is the newest addition to the National Museums Liverpool group having opened in 2011. The new venue tells the story of Liverpool and its people, and reflects the city's global significance. The museum is housed in a new purpose-built building, designed by architects 3XN and engineers Buro Happold, on the Mann Island site at the Pier Head.



### The Open Eye Gallery

Founded in 1977 Open Eye Gallery is an independent not-for-profit photography gallery based in Liverpool. The gallery is part of the new Mann Island development, a complex of three black buildings that sit between the Strand, the Canning dock and the new Museum of Liverpool.



## But Liverpool is also famous for its Parks

**Princes Park** in Toxteth is a 45 hectare municipal park, 2 miles south east of Liverpool city centre. In 2009 it had its status upgraded to a Grade II Historic Park by English Heritage.

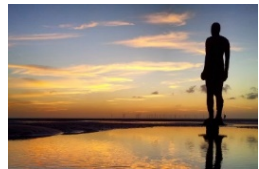


**Sefton Park** is a public park in Liverpool, opened in 1872 and operated by Liverpool City Council. The park is designated Grade I by English Heritage and regularly plays host to music gigs and events. Palm House, a grade II listed glass domed conservatory sits within Sefton Park.

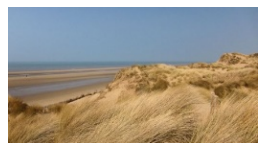


## ...And beaches

**Crosby Beach** is now the permanent home to 'Another Place', the sculpture by internationally acclaimed artist, Antony Gormley. The beach has been awarded the Quality Coast Award by Keep Britain Tidy.



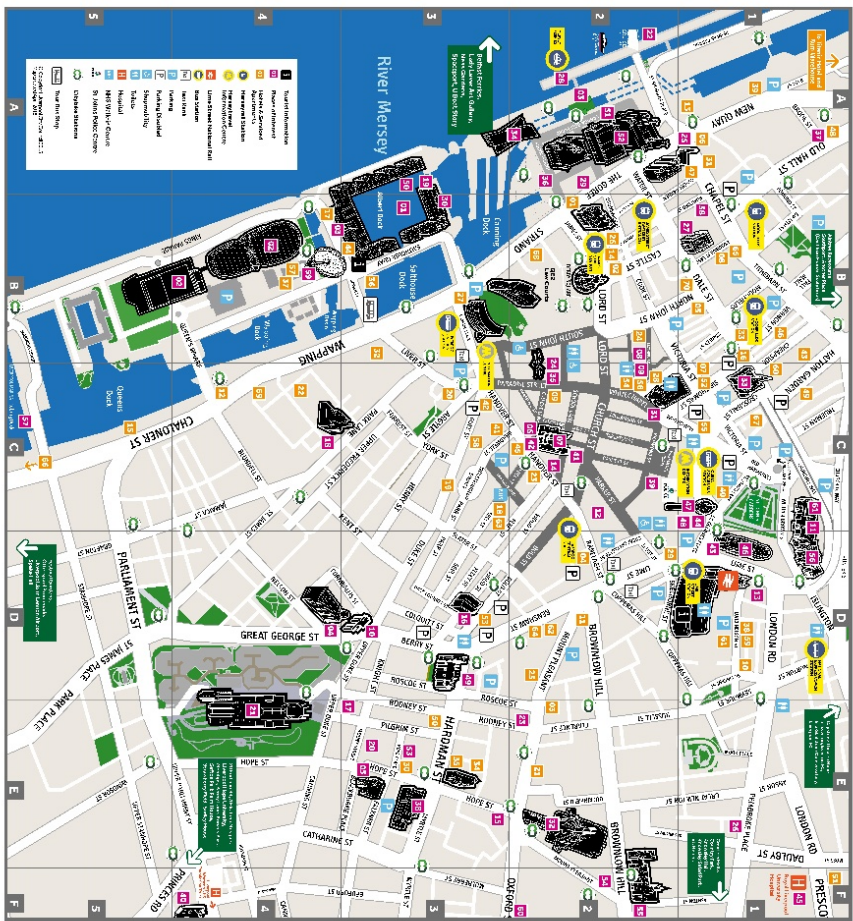
**Formby Beach** is glorious with dramatic sand dunes, surrounded by sweeping coastal pinewoods.



**LIVERPOOL CITY CENTRE MAP**

**MAP OF LIVERPOOL**

1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50	51	52	53	54	55	56	57	58	59	60	61	62	63	64	65	66	67	68	69	70	71	72	73	74	75	76	77	78	79	80	81	82	83	84	85	86	87	88	89	90	91	92	93	94	95	96	97	98	99	100
101	102	103	104	105	106	107	108	109	110	111	112	113	114	115	116	117	118	119	120	121	122	123	124	125	126	127	128	129	130	131	132	133	134	135	136	137	138	139	140	141	142	143	144	145	146	147	148	149	150	151	152	153	154	155	156	157	158	159	160	161	162	163	164	165	166	167	168	169	170	171	172	173	174	175	176	177	178	179	180	181	182	183	184	185	186	187	188	189	190	191	192	193	194	195	196	197	198	199	200







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## Bars & Restaurants

**More information is on the online map on this page:**  
<http://ecvp.org/2015/venue.html>

### *Bakchich Lebanese Restaurant*

54 Bold Street, Liverpool, L1 4HR

Lebanese street food with a French twist. It serves a variety of Lebanese dishes including Shawarma, Falafel and baklawa.

[www.bakchich.co.uk](http://www.bakchich.co.uk)

### *Bistro Jacques*

37-39 Hardman Street, Liverpool, L1 9AS

A rustic restaurant that offers a selection of French favorites and specialties including baked camembert, pate de campagne, Coq Au Vin and Boeuf Bourguignon. On Mondays and Tuesdays they have a 'wine and dine' offer where you can get 2 courses and a bottle of house wine per person for only £16.95.

[www.bistrojacques.com](http://www.bistrojacques.com)

### *Blackburne House Café*

Blackburne Place, Liverpool, L8 7PE

An award winning café bar serving a reasonable priced range of international and vegetarian dishes prepared using local ingredients. This café can be located in the Georgian quarter close to the university.

[www.blackburnehouse.co.uk](http://www.blackburnehouse.co.uk)

### *Cathedral Piazza Café*

This café can be found at the steps of the Metropolitan Cathedral. The menu regularly changes though typical dishes include scouse, vegetarian curry, piri piri chicken, Panini and baked potatoes. Main courses are around £5.95.

### *Everyman Theatre and Restaurant*

5-11 Hope Street, Liverpool, L1 9BH

A bistro situated in the basement of the Everyman theatre where you can have a meal or a drink before catching a show.

[www.everymanplayhouse.com](http://www.everymanplayhouse.com)

### *Flute*

35 Hardman Street, Liverpool, L1 9AS

An inexpensive pub that can be found about 5 minutes from the university campus.

[www.fluteliverpool.co.uk](http://www.fluteliverpool.co.uk)

### *Fly in the Loaf*

13 Hardman Street, Liverpool, L1 9AS

An award winning pub that serves a large number of real ales and specialist imported beers.

[www.flyintheloaf.co.uk](http://www.flyintheloaf.co.uk)

### *Gusto Restaurant and Bar*

Edward Pavillon, Albert Docks, Liverpool, L3 4AF

Located at the Docks approximately a 25-minute walk from the university campus. This restaurant offers a classic and contemporary Italian menu.

[www.gustorestaurants.uk.com](http://www.gustorestaurants.uk.com)

### *Host*

31 Hope Street, Liverpool, L1 9HX

Situated in Liverpool's Georgian quarter next to the university campus. This Pan-Asian fusion restaurant offer meals inspired from around the globe.

[www.ho-st.co.uk](http://www.ho-st.co.uk)

### *Kasbah Café Bazaar*

72 Bold Street, Liverpool, L1 4HR

A Moroccan inspired restaurant on Bold Street less than a 10-minute walk from the university campus. The menu has all of the favorite and traditional dishes from Morocco including hummus, falafel, cous-cous and tagine.

[www.kasbahcafebazaar.co.uk](http://www.kasbahcafebazaar.co.uk)

### *Kimos*

6 Myrtle Street, Liverpool, L7 7DP

Situated next to the University campus this great value Mediterranean eatery serves excellent kebabs and grill based cuisine.

[www.kimosrestaurant.co.uk](http://www.kimosrestaurant.co.uk)

### *Leaf*

65-67 Bold Street, Liverpool, L1 4EZ

A unique independent teashop and bar.

[www.thisisleaf.co.uk](http://www.thisisleaf.co.uk)

### *Pen Factory*

13 Hope Street, Liverpool, L1 9BQ

Another great value for money bistro situated between the two cathedrals on Hope Street.

[www.pen-factory.co.uk](http://www.pen-factory.co.uk)

#### *Shirley Valentines*

109 Mount Pleasant, Liverpool, L3 5TF

An inexpensive sandwich shop closely situated to the university.

[www.shirleyvalentines.co.uk](http://www.shirleyvalentines.co.uk)

#### *Spice Lounge*

Atlantic Pavillion, Albert Docks, Liverpool, L3 4AE

This restaurant gives a taste of exquisite modern Indian cuisine.

[www.spicelounge.uk.com](http://www.spicelounge.uk.com)

#### *The Caledonia*

22 Caledonia Street, Liverpool, L7 7DX

A historic Liverpool pub that serves the traditional Liverpool dish of scouse as well as real ales. It also features live music most nights.

[www.thecaledonialiverpool.com](http://www.thecaledonialiverpool.com)

#### *The Clove Hitch Bisto and Bar*

23 Hope Street, Liverpool, L1 9BX

This bistro and bar serves excellent fresh and locally sourced food and a great range of beers from around the globe. From Sunday to Thursday it has a theatre offer where you can get either 2 courses for £15.50 or 3 courses for £19.50.

[www.theclovehitch.com](http://www.theclovehitch.com)

#### *The Egg Restaurant Café*

Top Floor, 16-18 Newington, Liverpool, L1 4ED

A vegetarian/vegan café that can be found in the loft of an old Victorian warehouse just off of Bold Street.

[www.eggcafe.co.uk](http://www.eggcafe.co.uk)

#### *The Kazimier Garden*

32 Seel Street, Liverpool, L1 4JJ

An outdoor space that is one of the city's most popular beer gardens in the summer.

[www.thekazimier.co.uk/garden](http://www.thekazimier.co.uk/garden)

#### *The Philharmonic Dining Rooms*

36 Hope Street, Liverpool, L1 9BX

A public house built in 1898 that is recorded in the National Heritage List for England. It is famous for being one of the most lavish and ornate pubs in the country. Here, you can enjoy a range of hearty classic British classic and real ales.

<http://www.nicholsonspubs.co.uk/thephilharmonicdiningroomsliverpool/>

#### *The Quarter*

10 Falkner Street, Liverpool L8 7PU

A vibrant Italian inspired restaurant that offers a selection of freshly made pizzas, sublime pasta dishes and desserts.

[www.thequarteruk.com](http://www.thequarteruk.com)

#### *The Shipping Forecast*

15 Slater Street, Liverpool, L1 1BW

A restaurant, bar and live music venue. It has a good selection of craft beers and wine, along with a huge choice of gin, rum and whisky.

[www.theshippingforecastliverpool.com](http://www.theshippingforecastliverpool.com)

#### *The Smugglers Cove*

Britannia Pavillion, Albert Dock, Liverpool, L3 4AD

Offers over 150 different world famous rums including a rum-based cocktail menu. The food menu is rustic deli style consisting of rotisserie, barbeque and some English favorites. They also have live music every night!

[www.thesmugglerscove.uk.com](http://www.thesmugglerscove.uk.com)

### **University based**

#### *Sydney Jones Library Café*

Situated on the university campus next to the entrance of the Sydney Jones Library. This café serves Starbucks coffee, including teas, lattes and cappuccinos. It also has a wide choice of hot snacks and freshly prepared sandwiches.

#### *Café on the square*

Based in University Square above Blackwells Bookshop. This café provides a selection of hot and cold food and drinks including breakfast, traditional coffee, soups, salads and delicious cakes.

#### *Vine Court Canteen*

A convenient and cheap located university canteen for those staying in Vine Court offering breakfast, lunch and dinner.

#### *Guild of students*

The guild can be found at the heart of the university and contains various bars and cafes.

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# *symmetry*



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Prof. Dr. Sergei D. Odintsov



Symmetry is ultimately the most important concept in natural sciences. It is not surprising then that very basic and fundamental research achievements are related to symmetry. For instance, the Nobel Prize in Physics 1979 (Glashow, Salam, Weinberg) was received for a unified symmetry description of electromagnetic and weak interactions, while the Nobel Prize in Physics 2008 (Nambu-Kobayashi-Maskawa) was received for the discovery of the mechanism of spontaneous breaking of symmetry, including CP symmetry. Our journal is named *Symmetry* and it manifests its fundamental role in nature.

*Odintsov*

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*Symmetry* (ISSN 2073-8994) is an international and interdisciplinary scientific journal. Our goal is to publish high-impact articles in the field of symmetry. There is no restriction on the length of the papers. The journal publishes reviews, regular research papers, communications and short notes. All submitted manuscripts undergo rigorous peer review prior to publication.

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