



MONDAY 26TH AUGUST

Monday 26th August

Poster Session 1 [odd numbers] 09.00–10.30 (Hall B)

- 1 **Material perception with GPT-Vision**
Maarten Wijntjes¹, Yuguang Zhao¹
¹Delft University of Technology (NL)
- 3 **Walking lends a helping hand to vision in the sound-induced double flash illusion**
Cameron Phan¹, Alessia Tonelli², David Alais¹
¹The University of Sydney (AU), ²Istituto Italiano di Tecnologia (IT)
- 5 **The role of colour in recognition of cultural landscapes**
Galina Paramei¹, Yulia Griber²
¹Liverpool Hope University (UK), ²Smolensk State University (RU)
- 7 **Visualization of Mental Templates in Human Sensory Information Processing Using Diffusion Model**
Qifeng Wei³, Imanishi Wataru^{1,2}, Atsushi Ishiyama¹, Tomoyuki Naito^{2,4}
¹Graduate School of Frontier Biosciences, Osaka University (JP), ²MaiND Lab, Inc., ³School of Engineering Science, Osaka University (JP), ⁴Graduate School of Medicine, Osaka University (JP)
- 9 **Functional dissociation between alpha and theta oscillations for feature-based and spatial attentional orienting and reorienting**
Laurie Galas¹, Mehdi Senoussi², Niko Busch³, Laura Dugué¹
¹Université Paris Cité, CNRS, Integrative Neuroscience and Cognition Center (FR), ²Université Toulouse Jean Jaurès, CNRS (FR), ⁴Institute of Psychology and Otto-Creutzfeldt-Center for Cognitive and Behavioral Neuroscience, University of Muenster (DE)
- 11 **A Stroop effect for material appearance**
Hua-Chun Sun¹, Jacob Cheeseman¹, Giacomo Aldegheri¹, Roland Fleming¹, Philipp Schmidt¹
¹Justus Liebig University Giessen (DE)
- 13 **Binocular rivalry dynamics are abnormal in amblyopia**
Adrien Chopin¹, Aubrey Rossi², Preeti Verghese¹, Michael A. Silver⁴, Dennis M. Levi³
¹Smith-Kettlewell Eye Research Institute (US), ²Psychology Department, University of Oregon (US), ³Herbert Wertheim School of Optometry and Vision Science, University of California, Berkeley (US), ⁴Helen Wills Neuroscience Institute, University of California, Berkeley (US)
- 15 **An open-source vision-science tool for the auto-regressive generation of dynamic stochastic textures Motion Clouds**
Nikos Gekas¹, Andrew Isaac Meso², Jonathan Vacher³, Laurent Perrinet⁴, Pascal Mamassian⁵, Guillaume Masson⁴
¹Edinburgh Napier University (UK), ²King's College London (UK), ³Université Paris Cité (FR), ⁴Aix-Marseille Université (FR), ⁵École normale supérieure (FR), PSL University (FR)
- 17 **The face-name matching effect in a Serbian context**
Sunčica Zdravković
¹Department of Psychology, Faculty of Philosophy, University of Novi Sad Serbia (RS)
- 19 **ERG correlates of the famous ramp aftereffect**
Shalila Freitag^{1,2}, Maren-Christina Lengle³, Sascha Klee³, Sven P. Heinrich^{1,2}
¹Eye Center, Medical Center, University of Freiburg (DE), ²Faculty of Medicine, University of Freiburg (DE), ³Institute of Biomedical Engineering and Informatics, Ilmenau University of Technology (DE)



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- 21 **Pre-saccadic Attention (and not arousal) modulates the Size-Eccentricity Effect**
Céline Paeye², Jad Laaboudi², Anne Hillairet de Boisferon¹
¹Laboratoire de Psychologie des Cognitions - Université de Strasbourg (FR), ²Laboratoire Vision Action Cognition - U. Paris Cité (FR)
- 23 **Perceptual learning improves motion perception in patients with age-related macular degeneration**
Célia Michaud¹, Cynthia Faurite³, Jade Guénot², Victor Vattier², Maxime Rosito², Robin Baures², Yves Trotter², Vincent Soler², Carole Peyrin³, Benoit R Cottureau²
¹French National Centre for Scientific Research (FR), ²Centre de Recherche Cerveau et Cognition, Université Toulouse III-Paul Sabatier, CNRS (FR), ³Laboratoire de Psychologie et NeuroCognition, Université Grenoble Alpes, Université Savoie Mont Blanc, CNRS (FR)
- 25 **Gaze-centred hypometric pointing in Peripheral Vision Modulated by Covert Attention**
Tristan Jurkiewicz¹, Audrey Vialatte¹, Yaffa Yeshurun², Laure Pisella¹
¹Centre de Recherche en Neurosciences de Lyon (CRNL) (FR), ²University of Haifa (IL)
- 27 **Does human perception have access to purely monocular information?**
Rinku Sarkar¹, Robert F. Hess², Alexandre Reynaud²
¹McGill University (CA), ²McGill Vision Research Unit, Department of Ophthalmology, McGill University (CA)
- 29 **Testing Limits of Ensemble Perception**
Shaul Hochstein¹, Daniella Koyfman¹, Haya Abtan
¹Hebrew University (IL)
- 31 **Testing the Proportional Rate Control: Drivers use Different Proportional Rate Values when Braking Capability Changes**
 Didem Kadihasanoglu¹, Rabia Barin Adsiz¹, Irmak Oztan¹, Cansu Karabek¹, Xiaoye Michael Wang, Geoffrey P. Bingham
¹Tobb University of Economics and Technology (TR)
- 33 **Reliability of static visual field assessments in children with cerebral visual impairment (CVI)**
Jannet Philip¹, Nomdo Jansonius², Bianca Huurneman¹, Nienke Boonstra¹
¹Royal Dutch Visio (NL), ²University medical centre Groningen (NL)
- 35 **Eye movements evoked by binaural monopolar galvanic vestibular stimulation**
 Alba Langlade, Elisa Dabin, Simon Martinoli, Alexandra Séverac Cauquil¹
¹Cerco CNRS Université Toulouse III (FR)
- 37 **Material and weight influence perceived value of novel objects in visuo-haptic interactions**
Knut Drewing¹, Daniel-Philipp Becker¹
¹University of Giessen (DE)
- 39 **Biased localization and interception – shared mechanisms underlying representational momentum and tau effect**
Anna Schroeger¹, Simon Merz²
¹Justus Liebig University Giessen (DE), ²University of Trier (DE)
- 41 **Analysis of gaze patterns when using progressive lenses during visual acuity measurements at different distances**
Amelia González¹, Pablo Concepción¹, Clara Benedí¹, Carmen Cano¹, Marta Álvarez¹, Jose Miguel Cleva¹, Eva Chamorro¹
¹IOT (ES)



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- 43 **Boosting transfer in perceptual learning using transcranial random noise stimulation**
Marco Rocco¹, Andrea Pavan², Gianluca Campana¹
¹University of Padova, Department of General Psychology (IT), ²University of Bologna, Department of Psychology (IT)
- 45 **Individual differences in colour vision and their impact on perceived characteristics of food**
Ilgin Cebioglu¹, Persephone Nuttall¹, Niamh Pollard¹, Lily Potts¹, Gabriele Jordan¹, Any Hurlbert¹
¹Newcastle University (UK)
- 47 **Unseen yet recognized: unconscious processing of upright and inverted Mooney faces**
Michael Makoto Martinsen¹, Hirotaka Senda¹, Hideki Tamura¹, Tetsuto Minami¹, Shigeaki Nakauchi¹
¹Toyohashi University of Technology (JP)
- 49 **Comparing Shape Distortion in Frame Effect and Flash Grab Effect**
Mohammad Shams¹, June Cutler¹, Peter Kohler¹, Patrick Cavanagh¹
¹York University (CA)
- 51 **Feedback of self-action enhances visual time estimation when performed together**
Elise Abou Mrad¹, Louis Garcia^{1,2}, Joseph Tisseyre², Sylvain Cremoux¹
¹Centre de Recherche Cerveau et Cognition (CerCo) (FR), ²Toulouse Neuro Imaging Center (TONIC) (FR)
- 53 **Exploring Image Aesthetics with Machine Learning: Insights from Explainable AI**
Derya Soydaner¹, Johan Wagemans¹
¹KU Leuven (BE)
- 55 **Simulation-based Investigation and Mitigation of Visual Discomfort in AR/VR Environments**
Alice Sansalone¹, Andrea Canessa¹, Agostino Gibaldi², Gerrit Maus², Silvio Sabatini¹
¹University of Genoa (IT), ²Magic Leap Inc (US)
- 57 **Exploring the relation of locomotion patterns and visual disease: insights from deep-learning analysis**
Safa Andac¹, Yaxin Hu², Khaldoon O. Al-Nosairy³, Rosalie Beyer³, Hagen Thieme³, Erhardt Barth², Michael B. Hoffmann³
¹Otto-von-Guericke University (DE), ²Institute of Neuro- and Bioinformatics, University of Lübeck (DE), ³Section for Clinical and Experimental Sensory Physiology, Ophthalmic Department, University Hospitals Magdeburg (DE)
- 59 **Detecting objects in noise: signal pooling within and across objects**
Gunter Loffler¹, Gael Gordon¹
¹Glasgow Caledonian University (UK)
- 61 **The role of expertise and training in suppressing task-irrelevant sensory input**
Sebastian Frank¹, Antonia Wittmann¹, Ayumi Wandl¹, Ekaterina-Rita Hegmann¹, Sinah Wiborg¹, Markus Becker¹
¹University of Regensburg (DE)
- 63 **Whac-A-Mole – Learning Rational Temporal Eye and Head Movements in Virtual Reality**
Benedikt Kretzmeyer¹, Meaghan McManus¹, Constantin Rothkopf², Katja Fiehler¹
¹Justus Liebig University Giessen (DE), ²Technical University of Darmstadt (DE)
- 65 **An active inference account of the formation of visual preference**
Olivier Penacchio¹, Ana Clemente²
¹Computer Vision Center, Computer Science Department, University of St Andrews (UK), ²Max Planck Institute for Empirical Aesthetics (DE)



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- 67 **Explaining the Disparity Sensitivity Function with Natural Image Statistics**
Ross Goutcher¹, Mark Donoghue¹, Paul B. Hibbard¹
¹University of Stirling (UK)
- 69 **Experimental design and stimulus duration selectively modulate repulsive and attractive history effects**
Mert Can¹, Thérèse Collins^{1,2}
¹Université Paris Cité (FR), ²CNRS (FR)
- 71 **Paradoxical 3-D vision from 2-D stimuli during recovery from third-nerve palsy: a striking new finding**
Thomas Papatomas¹, Brian Rogers²
¹Oxford University (UK), ²Rutgers University (US)
- 73 **Image memorability is not strictly visual**
Diana Kollenda¹, Sophie Halstenberg¹, Ben de Haas¹
¹Justus Liebig University (DE)
- 75 **Investigating Attentional Bias Towards Emotional Faces in Depression: An Eye-Tracking and Heart-Rate Variability Study**
Hoo Keat Wong¹, Yi Xiang Chang¹, Alessio Bellato²
¹University of Nottingham Malaysia Campus (MY), ²University of Southampton (UK)
- 77 **The Influence Of Material Properties On Exploratory Procedures And Touch Patterns During Haptic Shape Perception**
Lisa Pui Yee Lin¹, Katja Doerschner¹, Knut Drewing¹
¹Justus-Liebig University Giessen (DE)
- 79 **Comparison between reading acceleration and phonological trainings in Developmental Dyslexia: a tACS study**
Camilla Venturini¹, Francesco De Benedetto¹, Giuseppe Di Dona¹, Denisa Adina Zamfira¹, Lisa Vennirol¹, Luca Ronconi¹, Daniela Perani¹
¹IRCCS San Raffaele Scientific Institute (IT)
- 81 **Continuous-feature foraging: estimating target selection biases using Bayesian statistical modelling**
Jennifer Magerl Fuller¹, Árni Kristjánsson¹, Alasdair Clarke², Árni Gunnar Ásgeirsson³
¹University of Iceland (IS), ²University of Essex (UK), ³University of Akureyri (IS)
- 83 **Investigating the neural mechanisms of visual crowding in the behaving non-human primate**
Taekjun Kim¹, Amber Fyall¹, Sofia Beaufrand¹, Anitha Pasupathy¹
¹University of Washington (US)
- 85 **Effects of light enhancement at 585nm on impressions of colors**
Megumi Nishikawa¹, Akiyoshi Kitaoka¹
¹Ritsumeikan University (JP)
- 87 **Impact of accent on gaze structure in grouping and segmentation: An eye tracking analysis**
Liga Zarina¹, Jurgis Skilters³, Megija Lelde Gintere⁴, Baingio Pinna⁵, Santa Bartusevica³, Solvita Umbrasko³, Laura Zelge³, Ardis Platkajis², Janis Mednieks², Aleksejs Sevcenko², Nauris Zdanovskis², Artūrs Silovs², Edgars Naudins², Agnese Anna Pastare²
¹University Of Latvia (LV), ²Riga Stradins University (LV), ³Laboratory for Perceptual and Cognitive Systems at the Faculty of Computing, University of Latvia (LV), ⁴Faculty of Computing, University of Latvia (LV), ⁵Department of Biomedical Sciences, University of Sassari (IT)



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- 89 **Estimating the centers of visual point clouds**
Laurence Maloney¹, Keiji Ota², Pascal Mamassian³
¹New York University (US), ²University College London (UK), ³CNRS & Ecole Normale Supérieure, Paris (FR)
- 91 **Emotion Prediction and Precision-Weighting: Facial expression intensity influences reliance on prior expectations to perceive emotions**
Madge Jackson¹, Louise Phillips¹, Patric Bach¹, Vilma Pullinen¹
¹University of Aberdeen (UK)
- 93 **Decoding sound content in early visual cortex of aphantasic individuals**
Belén M Montabes de la Cruz¹, Clement Abbatecola¹, Roberto Scott Luciani¹, Angus T. Paton¹, Johanna Bergmann², Petra Vetter³, Lucy S. Petro¹, Lars Muckli¹
¹University of Glasgow (UK), ²Max Planck Institute for Human Cognitive and Brain Sciences (DE), ³University of Fribourg (CH)
- 95 **Metacontrast Masking of Symmetric Stimuli**
Giulio Contemori¹, Marianna Musa¹, Carolina Maria Oletto¹, Luca Battaglini¹, Giorgia Cona, Marco Bertamini
¹University of Padova (IT)
- 97 **Population receptive field size across cortical depth along the visual hierarchy**
Mayra Bittencourt¹, Marcus Daghlian^{1,2,3}, Remco Renken¹, Serge Dumoulin^{2,3,4,5}, Frans Cornelissen¹
¹UMCG (NL), ²Spinoza Center for Neuroimaging (NL), ³Netherlands Institute for Neuroscience (NL), ⁴Vrije Universiteit Amsterdam (NL), ⁵Utrecht University (NL)
- 99 **Biassing face matching decisions with prior judgements**
Catriona Havard¹, Emily Breese
¹Open University (UK)
- 101 **Normative Data for Assessment of Face Cognition in Policing**
Jobila Eigenmann¹, Lionel Boudry¹, Neil M. Docherty², Meike Ramon¹
¹Applied Face Cognition (AFC) Lab, University of Lausanne (CH), ²Software Development, Usability Consulting and IT Infrastructure Unit (ASCI), Institute for Medical Education (IML), Un (CH)
- 103 **Exploring neural correlates of visual saliency using electroencephalography**
Judith Schepers¹, Benedikt Valerian Ehinger¹
¹University of Stuttgart (DE)
- 105 **Attractiveness influences memory for unfamiliar happy faces, but not for angry faces**
Eriko Matsumoto¹, Nanako Kizaki²
¹Kobe University (JP), ²Department of Global Human Science, Kobe University (JP)
- 107 **How human-like are robots really?**
Isabel Marie Gillert¹, Gnanathusharan Rajendran¹, Louise S. Delicato¹
¹Heriot-Watt University (UK)
- 109 **Using low-level features to predict similarity judgements for naturalistic images**
Emily A-Izzeddin¹, Thomas S. A. Wallis², Jason B. Mattingley³, William J. Harrison³
¹Justus-Liebig-Universität Gießen (DE), ²Institute of Psychology & Centre for Cognitive Science, Technical University of Darmstadt (DE), ³Queensland Brain Institute, The University of Queensland; School of Psychology, The University of Queensland (AU)
- 111 **Slower Category Learning and Over-Specific Generalization in Adults with Autism: Psychophysics and EEG**
Jaana Van Overwalle¹, Stephanie Van der Donck¹, Birte Geusens¹, Bart Boets¹, Johan Wagemans¹
¹KU Leuven (BE)



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- 113 **Individual gaze shapes diverging representations in inferior temporal cortex**
Petra Borovska¹, Benjamin de Haas¹
¹Justus Liebig University Giessen (DE)
- 115 **Occluded motion trajectories before appearance and after the disappearance**
Hidemi Komatsu¹, Kayoko Murata²
¹Keio University (JP), ²Kobe Gakuin University (JP)
- 117 **Social perception as (Bayesian) hypothesis testing and revision. Findings and Mechanisms.**
Patric Bach¹
¹University of Aberdeen (UK)
- 119 **Thematic relations between objects get through the bottleneck of crowding**
Nicolas Slaski¹, Solène Kalénine¹, Bilge Sayim¹
¹University of Lille, Laboratory Scalab (FR)
- 121 **Creative drawings reveal features for superordinate object classification**
Filipp Schmidt¹, Henning Tiedemann¹, Christian Houborg¹, Emily A-Izzeddin¹, Roland W. Fleming
¹Justus Liebig University Giessen (DE)
- 123 **How experimental research on human shape perception can help us understand the history of science**
Ulrich Stegmann¹, Philipp Schmidt²
¹University of Aberdeen (UK), ²University of Giessen (DE)
- 125 **A radial-symmetric checkerboard stimulus obeying the inverse-linear cortical magnification law**
Hans Strasburger¹
¹Ludwig-Maximilians-Universität München (DE)
- 127 **Does temporal regularity affect evidence accumulation during perceptual decision-making?**
Kuo Liu¹, Amy X. Li¹, Sage E. P. Boettcher¹, Laurence T. Hunt¹
¹University of Oxford (UK)
- 129 **The impact of overall stimulus intensity and processing noise on decision accuracy**
Angelo Pirrone¹
¹University of Liverpool (UK)
- 131 **Elemental and configural stimulus control in multidimensional visual discrimination learning by pigeons**
Olga Vyazovska¹
¹Kharkiv International Medical University (UA)
- 133 **The relationship between visual acuity and working memory**
Corinna Haenschel¹, Emsal Llapashtica, John Barbur, Paul Bretherton
¹Department of Psychology, City, University of London (UK)
- 135 **Memory for Stained-Glass Windows is Not Affected by Light Patterns**
Kate Nevin¹
¹Trinity College Dublin (IE)
- 137 **Advance Task Preparation on Crossmodal Attention Switching in Older Adults: An fMRI Study**
Pi-Chun Huang¹, Ludivine Schils², Iring Koch², Denise Stephan², Shulan Hsieh¹
¹National Cheng Kung University (TW), ²RWTH Aachen University (DE)



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- 139 **Spatial biases in visual foraging: Investigating the effect of display structure on foraging direction**
Manjiri Bhat¹, Anna Hughes¹, Russel Cohen Hoffing², Alasdair Clarke¹
¹University of Essex (UK), ²DEVCOM Army Research Laboratory (US)
- 141 **Examining the neural bases of looking and seeing in visual search using event-related potentials**
Junhao Liang¹, Li Zhaoping¹
¹Eberhard Karls University of Tübingen (DE)
- 143 **Blindness to Absence of Color: Effects of Color and Spatial Layout in Natural Scene Images**
Eiji Kimura¹, Maika Yamaguchi¹
¹Chiba University (JP)
- 145 **From repulsion to attraction in visual working memory**
Andrey Chetverikov¹
¹University of Bergen (NO)
- 147 **Cognitive-load dependent effects of tDCS on the executive vigilance decrement: insights from aperiodic EEG activity**
Klara Hemmerich¹, Juan Lupiáñez², Elisa Martín-Arévalo², Roi Cohen Kadosh³
¹Vita-Salute San Raffaele University (IT), ²Department of Experimental Psychology, and Mind, Brain and Behavior Research Center (CIMCYC), University of Granada (ES), ³School of Psychology, University of Surrey (UK)
- 149 **Goal-dependent spatial frames for working memory following body movement: a combined VR and eye-tracking study**
Babak Chawoush¹, Dejan Draschkow², Freek van Ede¹
¹Vrije Universiteit Amsterdam (NL), ²University of Oxford (UK)
- 151 **A potential spectral code for subjective colour perception**
Lemona Xinxuan Zhang¹, Lucy P Somers¹, Jenny M Bosten¹
¹University of Sussex (UK)
- 153 **Neuronal mechanisms involved in filtering out a salient task-irrelevant signal in visual perceptual learning**
Markus Becker¹, Sebastian M. Frank¹
¹University of Regensburg (DE)
- 155 **The effectiveness of pointing- and gaze-cues in spatial attention**
Wieske van Zoest¹, Adam Higgins¹
¹University of Birmingham (UK)
- 157 **An investigation of square wave jerks in Parkinson's disease, progressive supranuclear palsy and healthy controls**
Alessio Pietro Facchin¹, Andrea Quattrone¹, Jolanda Buononcore¹, Marianna Crasà¹, Aldo Quattrone¹
¹Magna Graecia University (IT)
- 159 **Cézanne's Madame and Klimt's Dame – Serial dependence in appreciation of art portraits**
Pik Ki Ho¹, Gregor Hayn-Leichsenring²
¹Heriot-Watt University (UK), ²University Hospital Jena (DE)
- 161 **Target selection during "snapshot" foraging**
Joe Macinnes¹, Sofia Tkhan Tin Le², Árni Kristjánsson²
¹Swansea University (UK), ²University of Iceland (IS)



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Symposium 1

Increasing diversity in person perception research 10.30–12.00 (Room 1A)

Bias for White AI faces: A hyperrealism effect

Amy Dawel¹, Elizabeth Miller¹, Ben Steward¹, Zak Witkower², Clare Sutherland³, Eva Krumhuber⁴

¹Australian National University (AU), ²University of Amsterdam (NL), ³University of Aberdeen (UK),
⁴University College London (UK)

Capturing variability in child faces using an artificial, but highly realistic set of children's faces

Sophia Thierry¹, Barbora Illithova², Catherine Mondloch¹, Alex Todorov³, Stefan Uddenberg³,
Daniel Albohn³, Clare Sutherland^{2,4}

¹Brock University (CA), ²University of Aberdeen (UK), ³University of Chicago (US), ⁴University of Western Australia (AU)

Does diversity in facial age influence first impressions?

Anita Twele¹, Catherine Mondloch¹

¹Brock University (CA)

First impressions from faces and bodies

Ying Hu¹, Alice O'Toole²

¹Institute of Psychology, CAS (CN), ²The University of Texas at Dallas (US)

Symposium 2

Statistical learning in visual perception: How does the visual system process probabilistic information in the environment? 10.30–12.00 (Room 1B)

Learning Environmental Statistics with Feature Distribution Learning

Andrey Chetverikov¹

¹University of Bergen (NO)

Explicit Attentional Goals Unlock Implicit Spatial Statistical Learning

Nancy Carlisle¹, Ziyao Zhang²

¹Lehigh University (US), ²University of Texas- Austin (US)

Location cueing from color distributions

Philippe Blondé¹, Sabrina Hansmann-Roth¹, David Pascucci², Árni Kristjánsson¹

¹University of Iceland (IS), ²École Polytechnique Fédérale de Lausanne (CH)

Learning spatial statistics to resist distraction by color singletons and luminance transients. Different mechanisms?

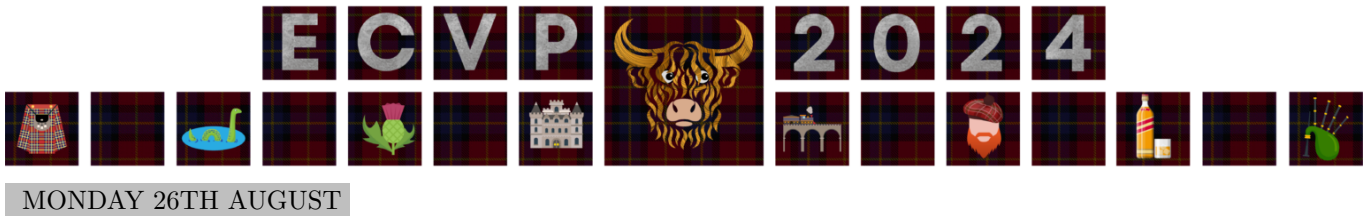
Matteo Valsecchi¹

¹Università Di Bologna (IT)

High-level prediction errors in low-level visual cortex

David Richter¹

¹CIMCYC, University of Granada (ES)



Talk Session 1

Motion Perception

10.30–12.00 (Room 3)

- 10.30 **Perceived Speed-in-Depth is Affected by Adaptation to Binocularly and Temporally Anti-Correlated Stimuli**
 Lauren Murray¹, Ross Goutcher¹
¹University of Stirling (UK)
- 10.45 **Strategy-induced across-trial variability explains seemingly anti-Bayesian effects in perceived motion**
 Tyler Bridgewater¹, Tom Freeman¹, Christoph Teufel¹
¹Cardiff University (UK)
- 11.00 **The Motion Induced Position Shift on target and cursor items: an optimal control account**
 Loes van Dam¹, Borja Aguado²
¹Technical University of Darmstadt (DE), ²GRAD Atenció a la Diversitat. Psychology Department. Faculty of Education, Translation, Sports and Psychology. Universitat De Vic - Universitat Central De Catalunya (ES)
- 11.15 **Perception of ambiguous multi-component Motion-Clouds varies with image statistics and observers' interpretation of integration-segmentation cues**
 Andrew Meso¹, Jonathan Vacher², Nikos Gekas³, Pascal Mamassian⁴, Guillaume S. Masson⁵
¹King's College London (UK), ²Universite Paris Cite, CNRS (FR), ³Edinburgh Napier University, Edinburgh (UK), ⁴Laboratoire des Systemes Perceptifs, Ecole normale superieure, PSL University, CNRS (FR), ⁵Institute de Neurosciences de la Timone Aix-Marseille Univ, CNRS (FR)
- 11.30 **Studying Precision and Temporal Dynamics in Heading Perception with Continuous Psychophysics**
 Bjoern Joerges¹
¹York University, Toronto (CA)
- 11.45 **Perceptual consequences of neural anisotropies**
 Qasim Zaidi¹, Akihito Maruya¹
¹State University of New York (US)

Talk Session 2

Attention

13.30–15.00 (Room 1A)

- 13.30 **Local and inter-areal communication of auditory prediction error information is selectively modulated by visual attention**
 Juho Aijälä¹, Louis Roberts², Robin Ince³, Dora Hermes⁴, Michael Jenssen, Kai Miller, John Garbi, Max Garagnani, Andres Canales-Johnson¹
¹University of Cambridge (UK), ²Goldsmiths University of London (UK), ³University of Glasgow (UK), ⁴Mayo Clinic, Rochester (US)
- 13.45 **Dynamic modulations of glutamate with visual attentional load in posterior parietal cortex**
 Sinah Wiborg¹, Markus Becker¹, Antonia Wittmann¹, Zhiyan Wang¹, Sebastian M. Frank¹
¹Universität Regensburg (DE)



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- 14.00 **Attentional guidance through object associations in visual cortex**
Maëlle Lerebourg¹, Floris P. de Lange¹, Marius V. Peelen¹
¹Donders Institute, Radboud University (NL)
- 14.15 **Emergent Neural Signatures of Human-like Covert Attention in Convolutional Neural Networks**
Miguel Eckstein¹, Sudhanshu Srivastava¹
¹University of California Santa Barbara (US)
- 14.30 **Multivariate EEG markers of lapses in visual attention within a dynamic environment**
Benjamin Lowe¹
¹Macquarie University (AU)
- 14.45 **Characterizing the Interaction of Spontaneous Fluctuations in Sustained Attention and Learned Adjustments in Attentional Flexibility**
Anthony Sali¹, Anna Toledo¹, Yuxin Xie¹, Madison Shaver¹, Austin Torain¹, Isabel Flicker¹, Emily Oor¹
¹Wake Forest University (US)

Talk Session 3

Social Perception

13.30–15.00 (Room 1B)

- 13.30 **Abstraction of Mind in Pictures and the Medusa Effect**
Alan Kingstone¹, Salina Edwards², Oliver Jacobs¹, Rob Jenkins³
¹UBC (CA), ²McMaster University (CA), ³University of York (UK)
- 13.45 **Converging evidence that left extrastriate body area supports visual sensitivity to social interactions**
Kami Koldewyn¹, Marco Gandolfo², Etienne Abassi⁴, Eva Balgova³, Paul Downing¹, Liuba Papeo⁵
¹Bangor University (UK), ²Radboud University (NL), ³Aberystwyth University (UK), ⁴McGill University (CA), ⁵Institut des Sciences Cognitives, Marc Jeannerod (FR)
- 14.00 **Uncanny valley for dynamic bodies in nonhuman primates**
Martin A. Giese¹, Lucas Martini¹, Anna Bognar², Rufin Vogels²
¹CIN / HIH Univ of Tübingen (DE), ²Dept. of Neuroscience, KU Leuven (BE)
- 14.15 **A visual search advantage for communicative interactions over independent actions**
Anthony Atkinson¹, Quoc Vuong²
¹Durham University (UK), ²Newcastle University (UK)
- 14.30 **Dissociation between Social and Visual Information in Dynamic Social Interaction Processing**
Yun Chen¹, Yu-Xuan Xue¹, Xin-Yu Xie¹
¹East China Normal University (CN)
- 14.45 **Evidence of a third functional visual pathway**
Simon Rushton¹, Mason Wells, Phoebe Asquith
¹Cardiff University (UK)



Talk Session 4
Clinical Vision
13.30–15.00 (Room 3)

- 13.30 **Decreased scene-selective activity within the posterior intraparietal cortex in amblyopic human adults**
Shahin Nasr¹, Sarala Malladi², Jan Skerswetat³, Roger Tootell¹, Eric Gaier, Peter Bex, David Hunter
¹Harvard Medical School (US), ²Massachusetts General Hospital (US), ³Northeastern University (US)
- 13.45 **The perceptual characteristics of phosphenes induced via intracortical electrical stimulation of the visual cortex**
Leili Soo¹, Alfonso Rodil¹, Fabrizio Grani¹, Rocio Lopez-Peco¹, Marcos Adrian Villamarin Ortiz, Aranzazu Alfaro Saez¹, Cristina Soto-Sánchez¹, Eduardo Fernandez¹
¹Miguel Hernández University of Elche (ES)
- 14.00 **Altered Perception of the Bistable Motion Quartet in Albinism**
Jürgen Kornmeier¹, Elisabeth Quanz², Khaldoon O. Al-Nosairy², Charlotta M. Eick², Michael B. Hoffmann²
¹Institute For Frontier Areas of Psychology and Mental Health & Medical Center, University of Freiburg (DE), ²Department of Ophthalmology, Otto-von-Guericke University, Magdeburg (DE)
- 14.15 **Objectively Measuring Sight Rescue in Severely Vision-Impaired Young Children Following Gene Therapy**
Marc Pabst¹, Yannik Laich², Kim Staebli², Roni Maimon-Mor², Steven Scholte³, Peter Jones⁴, Michel Michaelides², James Bainbridge², Tessa Dekker²
¹UCL (UK), ²UCL Institute of Ophthalmology (UK), ³University of Amsterdam (NL), ⁴City, University of London (UK)
- 14.30 **Changes in primary visual and auditory cortex of blind and sighted adults following echolocation training**
Lore Thaler¹, Tom Hartley², Liam J Norman¹
¹Durham University (UK), ²University of York (UK)
- 14.45 **Unanticipated Brain Reorganization Mechanism in Blind Spatial Navigation Learning**
Lora Likova¹, Zhangziyi Zhou¹, Michael Liang¹, Christopher Tyler¹
¹Smith-Kettlewell Eye Research Institute (US)

Poster Session 2 [even numbers]
15.00–16.30 (Hall B)

- 2 **Investigating the mechanisms of global confidence**
Nadia Hosseinizadeh¹, Stephen Fleming², Pascal Mamassian¹
¹École Normale Supérieure, PSL University (FR), ²University College London (UK)
- 4 **The impact of rotation on shape recognition is dependent on curvature features**
Gunnar Schmidtmann¹
¹University of Plymouth (UK)
- 6 **Watch your step: Similar gaze behavior during perturbed walking in younger and older adults**
Sabine Grimm¹, Jutta Billino², Wolfgang Einhäuser¹
¹Chemnitz University of Technology (DE), ²Justus Liebig University Giessen (DE)



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- 8 **Attentional shifts involving objects - insights from pupillometry and individual differences in internal noise**
Felipe Luzardo¹, Wolfgang Einhäuser², Yaffa Yeshurun¹
¹University of Haifa (IL), ²Technische Universität Chemnitz (DE)
- 10 **Spatio-temporal interactions in visual crowding**
Martina Morea¹, Michael Herzog¹, Gregory Francis², Mauro Manassi³
¹École Polytechnique Fédérale de Lausanne (CH), ²Purdue University (US), ³University of Aberdeen (UK)
- 12 **Exploring the impact of image region importance for pleasure and interest on art image inspection**
Maarten Leemans¹, Johan Wagemans¹
¹KU Leuven, University of Leuven (BE)
- 14 **Approach and retreat: Dynamically adjusting distance for size judgments in VR**
Avi Aizenman¹, Patrícia M. H. Oliveira², Alexander Goettker¹
¹Giessen University (DE), ²University of Minho (PT)
- 16 **The spatial-frequency selectivity in cyclopean vision may arise from the processing in the extrastriate cortex**
Ignacio Serrano-Pedraza¹, Ichasus Llamas-Cornejo¹
¹Universidad Complutense de Madrid (ES)
- 18 **Budget-friendly commercial OLED displays for vision science experiments**
Tarek A. Haila¹, Korbinian Kunst¹, Julian Kalbes¹, Tran Quoc Khanh¹, Thomas Wallis¹
¹TU Darmstadt (DE)
- 20 **Compact Aerial Display With Scrolling Display in Two Directions by Using Slanted Slit-Shaped Retro-Reflector**
Daichi Tasaki¹, Akinori Tsuji², Toyotaro Tokimoto^{1,3}, Shiro Suyama¹, Hirotsugu Yamamoto¹
¹Utsunomiya University (JP), ²Tokushima University (JP), ³XAiX, LLC (JP)
- 22 **Shopping with vision loss: Using VR to quantify the impact of simulated visual field defects**
Peter Reddingius¹, David Crabb¹, Pete Jones¹
¹City, University of London (UK)
- 24 **Changing Tracks: How visual presentations of travel itineraries impact the choice between plane and train**
Daniele Catarci¹, Lea Laasner Vogt², Ester Reijnen²
¹ZHAW Zürcher Hochschule für Angewandte Wissenschaften (CH), ²ZHAW University of Applied Sciences (CH)
- 26 **Unraveling the Coordination of Perceptually Relevant Alpha Oscillations: a Large-Scale Network Synchronization study**
Gabriela Cruz¹, Maria Melcon¹, Mate Gyurkovics¹, Matias Palva², Gregor Thut¹, Satu Palva³
¹University of Glasgow (UK), ²Aalto University (FI), ³University of Helsinki (FI)
- 28 **Perceived Stereo Depth reflects Retinal Disparities, not 3D Geometry**
Paul Linton¹, Nikolaus Kriegeskorte¹
¹Columbia University (US)
- 30 **Visual Measures as Language-agnostic Early Predictors of Reading Ability**
Mahalakshmi Ramamurthy¹, Julian Siebert¹, Carrie Townley-Flores¹, Mónica Zegers², Francesca Pei², Phaedra Bell², Lucy Yan², Maria Gorno-Tempini², Jason Yeatman¹
¹Stanford University (US), ²Weill Institute for Neurosciences, University of California (US)



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- 32 **Individual differences in 12-month-olds' pupillary responses to size and luminance of stimuli**
Karola Schlegelmilch¹, Camille Rioux², Katja Liebal¹, Annie E. Wertz³
¹Leipzig University (DE), ²Centre National de la Recherche Scientifique (CNRS), Université de Paris (FR), ³Max Planck Institute for Human Development (DE)
- 34 **Scanning and crossing virtual streets with hemianopia; A step to successful crossings**
Eva Postuma¹, Gera de Haan¹, Joost Heutink¹, Frans Cornelissen²
¹University of Groningen (NL), ²University Medical Center Groningen (NL)
- 36 **A TMS test of hemispheric dominance for visual shape processing**
Jessica Teed¹, Catriona Scrivener¹, Robert McIntosh¹, Edward Silson¹
¹University of Edinburgh (UK)
- 38 **Better to measure colour constancy with coloured rather than grey surfaces**
Matteo Toscani¹, Tao Chen², Giuseppe Claudio Guarnera²
¹University of Bournemouth (UK), ²University of York, Department of Computer Science (UK)
- 40 **What do similarity tasks actually measure? A systematic comparison of eight tasks.**
Malin Styrnal¹, Philipp Kaniuth², Laura Stoinski², Martin N. Hebart¹
¹Justus Liebig University Giessen (DE), ²Max Planck Institute for Human Cognitive and Brain Sciences (DE)
- 42 **Eyeing motion: Effects of moving stimuli on attention of spider-fearful participants in a free-viewing paradigm**
Laura Ziegeltrum¹, Marcel Linka², Kevin Lehrer, Filipp Schmidt², Anke Haberkamp
¹Philipps-Universität Marburg (DE), ²Justus-Liebig-Universität Gießen (DE)
- 44 **The role of stimulus-response mapping in serial dependence**
Yuri Markov¹, Natalia Tiurina¹, Gizay Ceylan², David Pascucci^{3,4}
¹Department of Psychology, Goethe University Frankfurt, Frankfurt am Main (DE), ²Laboratory of Psychophysics, Brain Mind Institute, École Polytechnique Fédérale de Lausanne (EPFL) (CH), ³Lausanne University Hospital (CH), ⁴University Of Lausanne (CH)
- 46 **More Than Meets the Eye - Conceptual Beliefs Predict Naturalistic Face Impressions Across Cultures**
Barbora Illithová¹, Clare A. M. Sutherland¹
¹University of Aberdeen (UK)
- 48 **The Development of Mooney face Perception in 6-11-month-old infants**
Nanako Yamanaka¹, Yumiko Otsuka², Masaharu Kato³, Nobu Shirai¹
¹Rikkyo University (JP), ²Chukyo University (JP), ³Doshisha University (JP)
- 50 **Influence of gaze cueing and semantic violations on visual memory and metamemory for real-world scenes**
Sara Spotorno¹, Adeel Khalid², Eunice G. Fernandes³, Benjamin W. Tatler⁴
¹Durham University (UK), ²Keele University (UK), ³University of Agder (NO), ⁴University of Aberdeen (UK)
- 52 **Sense of embodiment and motor performance of the co-embodiment hands in a virtual environment**
Satoshi Toriumi¹, Yasunobu Katsumata¹, Yasuyuki Inoue², Harin Hapuarachchi¹, Michiteru Kitazaki
¹Toyohashi University of Technology (JP), ²Toyama Prefectural University (JP)
- 54 **The effect of face and language familiarity in the perception of audiovisual speech synchrony**
Yuta Ujiie¹, Kohske Takahashi²
¹Rikkyo University (JP), ²Ritsumeikan University (JP)



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- 56 **Facial Identification in Peripheral Vision and Flashed Face Distortion Effect**
Momoka Suzuki¹, Yuta Ujiie², Kohske Takahashi¹
¹Ritsumeikan University (JP), ²Rikkyo University (JP)
- 58 **An Exploratory Factor Analysis of Visuo-perceptual Reading Symptoms in Adults with Visual Stress**
Darragh Harkin¹, Julie-Anne Little¹, Sara McCullough¹
¹Ulster University (UK)
- 60 **Action learning with unconscious stimuli: transfer across retinal location and orientation**
Jie Gao¹, Zhiqing Deng¹, Jiantong Ye¹, Ruxiao Zhang¹, Juan Chen
¹South China Normal University (CN)
- 62 **Foraging for famous faces: Exploring the interaction between facial expression and facial identity processing**
Nina Attard Montalto¹, Ian M. Thornton¹
¹University of Malta (MT)
- 64 **Does Perceptual Salience Explain Altered Social Categorisation in Children with Autism Spectrum Disorder?**
Lili Julia Feher¹, Ilona Kovács²
¹HUN-REN-ELTE-PPKE Adolescent Development Research Group (HU), ²Eötvös Loránd University, Budapest (HU)
- 66 **The association between sensory sensitivity, mental imagery abilities, and divergent perception**
Marloes Mak¹, Thijs van Laarhoven², Janina Neufeld^{3,4}, Reshanne Reeder⁵, Corina U. Greven^{6,7}, Tessa Van Leeuwen¹
¹Department of Communication and Cognition, Tilburg University (NL), ²Department of Cognitive Neuropsychology, Tilburg University (NL), ³Karolinska Institutet (SE), ⁴Swedish Collegium for Advanced Study (SE), ⁵Department of Psychology, Institute of Population Health, University of Liverpool (UK), ⁶Radboud University Medical Centre (NL), ⁷Karakter Child and Adolescent Psychiatry University Centre (NL)
- 68 **Detecting motor perturbations across modalities and tasks**
Karl Kopiske¹, Carl Müller¹
¹Chemnitz University of Technology (DE)
- 70 **Larger bias in microsaccades during shifting than during sustaining covert visual-spatial attention**
Anna Van Harmelen¹, Freek van Ede¹
¹Vrije Universiteit Amsterdam (NL)
- 72 **The Role of Cognitive Control in Discrete Perception as Evidenced by Postdictive Illusions**
Mikhail Allakhverdov¹, Arsen Lokyan¹
¹Yerevan State University (AM)
- 74 **Comparing Social Gaze between Communication Media**
Zahra Hosseini¹, Kristen Lott¹, Nicholas Logan¹, Nikolaus F. Troje²
¹York University (CA), ²York University, Centre for Vision Research (CA)
- 76 **Psychophysics Reveals a Failure of Grouping in Current Deep Neural Networks**
Elsa Scialom¹, Ben Lonnqvist¹, Zehra Merchant¹, Martin Schrimpf¹, Michael Herzog¹
¹EPFL (CH)
- 78 **Representation of Sex from the Face and Body: Evidence from a Visual Adaptation Task**
Deyan Mitev¹, Kami Koldewyn¹, Paul Downing¹
¹Bangor University (UK)



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- 80 **The effects of action-based predictions in early visual cortex**
Bianca van Kemenade¹, Lars Muckli²
¹Justus Liebig University Giessen (DE), ²University of Glasgow (UK)
- 82 **Neuronal evidence for fast semantic parafoveal previewing during natural visual exploration**
Camille Fakche¹, Clayton Hickey¹, Ole Jensen¹
¹Centre for Human Brain Health, University of Birmingham (UK)
- 84 **The effect of expectation on illusory positional shifts in flash-lag and flash-grab illusions**
Gizem Y. Yildiz¹, Bianca M. van Kemenade¹, Ralph Weidner²
¹Center for Psychiatry, Justus Liebig University, Giessen (DE), ²Institute of Neuroscience and Medicine (INM-3), Forschungszentrum Jülich GmbH (DE)
- 86 **Contradictory illusions with striped objects**
Endel Pöder¹
¹University of Tartu (EE)
- 88 **The visual system explicitly represents feature distributions!**
Vladislav Khvostov¹, Árni Gunnar Ásgeirsson², Árni Kristjánsson¹
¹University of Iceland (IS), ²University of Akureyri (IS)
- 90 **Insights From Eye Blinks into Cognitive Processes**
Ronen Hershman¹, David Share², Elisabeth Weiss¹, Avishai Henik³, Adi Shechter²
¹University of Innsbruck (AT), ²University of Haifa (IL), ³Ben-Gurion University (IL)
- 92 **Prior knowledge sharpens contrast perception: scene-object congruency modulates object detection**
Jiehui Qian¹, Binglong Li¹, Zhengjia Dai¹
¹Sun Yat-Sen University (CN)
- 94 **Intuitive visuomotor control of grip force in a (simulated) body-powered prosthesis?**
Simon Watt¹, Ben Ryan², Molly Hewitt¹
¹Bangor University (UK), ²Ambionics Limited (UK)
- 96 **The Effect of Action on Visual False Percepts**
Juan Carlo Cabato¹, Yannik Heidelberg¹, Gizem Yildiz¹, Bianca van Kemenade¹
¹Justus Liebig Universität Gießen (DE)
- 98 **Integration of Visual and Tactile Information in Perception of Motion: Insights from a Multisensory Study**
Anna Vitale¹, Maria Casado-Palacios¹, Nicolò Balzarotti¹, Alberto Parmiggiani¹, Mister Alessandro Moscatelli², Monica Gori¹
¹Italian Institute of Technology (IT), ²University of Rome (IT)
- 100 **Top-down and bottom-up attentional guidance in different search task types**
Nataša Mihajlović¹, Sunčica Zdravković¹
¹Faculty of Philosophy, University of Novi Sad (RS)
- 102 **Expectation is Insufficient: Assimilative Serial Dependence May Require Perceptual Information**
Zoe Little¹, Colin W. G. Clifford¹
¹University of New South Wales (UK)
- 104 **Age-related changes in automatic audiovisual speech processing in the McGurk effect**
Wataru Teramoto¹
¹Kumamoto University (JP)



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- 106 **Reward enables learning of a salient but task-irrelevant visual feature through representation plasticity in V1**
Zhiyan Wang¹, Sinah Wiborg¹, Lea Hemesath¹, Anna-Mavie Beil¹, Stefanie Mayer, Mark W. Greenlee
¹University of Regensburg (DE)
- 108 **Oscillatory and aperiodic mechanisms underlying domain-general attentional control**
Runhao Lu¹, Nadene Dermody¹, John Duncan¹, Alexandra Woolgar¹
¹University of Cambridge (UK)
- 110 **Effect of Distance on Visual-Haptic Integration in Thickness Perception**
Hiroaki Shigemasa¹, Yuhi Kira¹, Hiroshige Takeichi²
¹Kochi University of Technology (JP), ²RIKEN (JP)
- 112 **Assessing the relationship between central visual field loss, physical activity, and cognitive function**
Holly Brown¹, Eleanor Hoyle¹, Leah Kelly², Catherine Agathos³, Natela Shanidze, Heidi Baseler
¹University of Huddersfield (UK), ²University of York (UK), ³The Smith-Kettlewell Eye Research Institute (US)
- 114 **Influence of stimulus speed and individual differences on perception of visually-induced vection and motion sickness**
Polina Andrievskaia¹, Julia Spaniol¹, Stefan Berti², Behrang Keshavarz^{1,3}
¹Toronto Metropolitan University (CA), ²Johannes Gutenberg-Universität Mainz (DE), ³KITE Research Institute (CA)
- 116 **Investigating local and configural shape processing with Steady-State Visual Evoked Potentials**
Peter J. Kohler¹, Shaya Samet¹, Jasman Kahlon¹, Nicholas Baker², Erez Freud¹, James H. Elder¹
¹York University (CA), ²Loyola University (US)
- 118 **Prioritized and non-prioritized features maintained in visual working memory differentially influence early visual processing**
Dan Wang¹, Samson Chota¹, Stefan Van der Stigchel¹, Surya Gayet¹
¹Utrecht University (NL)
- 120 **Cognitive visual acuity testing in amblyopia – comparison of VEP- and P300-based acuity measures**
Akshara Vaithiswari Gopiswaminathan¹, Julia Haldina^{2,3}, Khaldoon Al-Nosairy¹, Céline. Z Duval^{2,3}, Francie Stolle¹, Sven P. Heinrich^{2,3}, Michael B. Hoffmann^{1,4}
¹Department of Ophthalmology, Otto-von-Guericke University (DE), ²Eye Center, Medical Center, University of Freiburg (DE), ³Faculty of Medicine, University of Freiburg (DE), ⁴ Center for Behavioral Brain Science (DE)
- 122 **Functional correlates of multistable perception can be seen in single participant ERPs**
Mareike Wilson¹, Ellen Joos², Lillian Wolff¹, Ludger Tebartz van Elst¹, Jürgen Kornmeier
¹Department of Psychiatry and Psychotherapy, University of Freiburg (DE), ²Institute for Frontier Areas of Psychology and Mental Health (IGPP), Freiburg (DE)
- 124 **Top-down driven hallucinations increase with age**
Oris Shenyan¹, Matteo Lisi², John A. Greenwood¹, Laura Haye¹, Jeremy I. Skipper¹, Tessa M. Dekker¹
¹University College London (UK), ²Royal Holloway, University of London (UK)
- 126 **The Buffon-McDougall Visual Phenomenon and Its Implication for the Cortical Origin of Afterimages**
Charles Wu¹
¹Perception and Cognition Research (US)



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- 128 **Humans use mental simulation and eye movements to facilitate perceptual decision-making**
Emma Stewart¹, Ilja Wagner², Alexander Schütz³, Roland Fleming²
¹Queen Mary University of London (UK), ²Justus-Liebig University Giessen (DE), ³Phillips-University Marburg (DE)
- 130 **Apparent motion may trigger colour filling-in**
Rob van Lier¹, Simon Jan Hazenberg¹, Vebjørn Ekroll
¹Donders Institute for Brain, Cognition and Behaviour (NL)
- 132 **Through the Lens of a Colour Blind: Exploring impacts of simulated colour blindness on schoolchildren**
Harpreet Dlay¹, Gabriele Jordan¹
¹Newcastle University (UK)
- 134 **Decoding emotional content of complex social scenes in the human brain and deep neural networks**
Elahe Yargholi¹, Laurent Mertens¹, Joost Vennekens¹, Jan Van den Stock¹, Hans Op de Beeck¹
¹KU Leuven (BE)
- 136 **Binocular Rivalry Priming Reveals the Dynamics of Mental Imagery**
Ágnes Welker¹, Orsolya Pető-Plaszko¹, István Winkler¹, Ilona Kovács²
¹HUN-REN-ELTE-PPKE Adolescent Development Research Group (HU), ²Eötvös Loránd University (HU)
- 138 **Augmenting functional vision using automated tactile guidance**
Marcin Furtak^{1,2}, Florian Pätzold¹, Piper Powell¹, Milad Rouygari¹, Silke Kärcher², Peter König^{1,3}
¹Osnabrück University (DE), ²feelSpace GmbH (DE), ³University Medical Centre Hamburg-Eppendorf (DE)
- 140 **Object tracking without objects: Perceiving persistence defined by pure change**
Dawei Bai¹, Brian Scholl¹
¹Yale University (US)
- 142 **Effects of top-down attention on audiovisual binocular rivalry**
Kosuke Yamamoto¹, Katsumi Watanabe¹
¹Waseda University (JP)
- 144 **Shape-specific chromatic adaptation precedes history biases in color perception**
Toni Saarela¹, Maria Olkkonen¹
¹University of Helsinki (FI)
- 146 **Pre-stimulus alpha oscillations encode stimulus-specific visual predictions**
Dorottya Hetenyi¹, Joost Haarsma¹, Peter Kok¹
¹University College London (UK)
- 148 **Neural Dynamics of Part-Based Face Perception**
Yasemin Gunindi¹, Çiçek Güney¹, Huseyin Ozkan¹, Nihan Alp¹
¹Sabancı University (TR)
- 150 **The Feature Filtering Function from Consciousness to Working Memory**
Zefan Zheng¹, Darinka Trübtschek¹, Jaan Aru², Lucia Melloni¹
¹Max Planck Institute for Empirical Aesthetics (DE), ²University of Tartu (EE)
- 152 **Kinematic Features Influencing Affective Responses to Bodily Motion in Shorinji-Kempo Martial Artists**
Mikiko Kashiwai¹, Hirokazu Doi¹
¹Nagaoka University of Technology (JP)



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- 154 **Core neural dimensions of functionally selective areas in the human visual cortex**
Leonard van Dyck¹, Martin N. Hebart¹, Katharina Dobs¹
¹Justus Liebig University Giessen (DE)
- 156 **The influence of dimmed lighting conditions on naturalistic obstacle negotiation in young and older adults**
Danishtha Kaul¹, Alexander Brownlee¹, Magdalena Ietswaart¹, Gemma Learmonth¹
¹University of Stirling (UK)
- 158 **Hierarchical cortical entrainment orchestrates the multisensory processing of biological motion**
Li Shen¹, Shuo Li¹, Yuhao Tian¹, Ying Wang¹, Yi Jiang¹
¹Institute of Psychology, Chinese Academy of Sciences (CN)
- 160 **Beneath the Surface: Feature Synergy Improves Texture Segregation but not Shape Perception**
Cordula Hunt¹, Günter Meinhardt¹
¹Johannes Gutenberg University Mainz (DE)