Monday, 25th August: Poster Session 1 (10.00 – 11.30)

1 **Comparisons of temporal binding window width between types of crossmodal correspondences**

Yasuhiro Takeshima

Hosei University

3 **Evaluating the WikiArt Dataset using Quantitative Image Properties, Ratings, and Art History**

Lisa Koßmann[1]; Stefanie De Winter[1,2]; Jitse Woussen[1]; Christophe Bossens[1]; Johan Wagemans[1]

[1] Laboratory of Experimental Psychology, Department of Brain and Cognition, University of Leuven (KU Leuven); [2] Department of Art History, University of Leuven (KU Leuven)

5 **Human-Like Gaze Patterns Enhance Robot Likability and Perceived Empathy: New Insights into the Uncanny Valley Effect**

Su-Ling Yeh[1]; Te-Yi Hsieh[1]; Pai-He Hsiao[1]; Chia-Hui Pan[2]; Yu Fang[3]

[1] National Taiwan University; [2] National Taiwan Normal University; [3] Honda Research Institute

7 **Distinguishing a central selection bias from a central fixation bias: the role of retinal eccentricity in visual selection**

Zirui Gu; Christian N.L. Olivers; Mieke Donk

VU Amsterdam

9 **Beyond Expectations: Nocebo Suggestion Affects Cognitive Performance in Older Adults**

Alessandra Barbon[1]; Bernardo Villa-Sánchez[2]; Mirta Fiorio[3]; Sara Assecondi[1]; Veronica Mazza[1]

[1] Università degli Studi di Trento; [2] Arizona State University; [3] Università di Verona

11 **Feedback processing conveying surrounding scene context in occlusion paradigm depends on early visual experience**

Carolin Heitmann[1]; Minye Zhan[2]; Madita Linke[1]; Ramesh Kekunnaya[3]; Rick Van Hoof[4]; Rainer Goebel[4]; Brigitte Röder[1]

[1] Universität Hamburg, Institut für Psychologie; [2] Sarbonne Université; [3] L. V. Prasad Eye Institute; [4] Maastricht University

13 **Smooth Eye Movements and Perceptual Alternations in an Ambiguous Kinetic Depth Effect (KDE) Stimuli**

Anna Montagnini; Liubov Ardasheva

CNRS and Aix-Marseille University

15 **From Repulsion to Attraction: Object Priority Drives Distinct Memory Biases in Visual Working Memory**

Stefan Kalanoski[1]; Aytac Karabay[1,2]; Chaipat Chunharas[3,4]; Daryl Fougnie[1]

[1] New York University Abu Dhabi; [2] University of Birmingham Dubai; [3] Chulalongkorn University; [4] University of California San Diego

17 **Geographic information of memorized places is represented in the parietal memory network**

Nina Bana Khatibi; Neda Afzalia; Reza Rajimehr

Institute for Research in Fundamental Sciences (IPM)

19 **Dual gaze behavior in autism during real-life social interaction**

Laura Tibermont[1]; Ruth Op de Beeck[1]; Rowena Van den Broeck[1]; Lisa Gistelinck[1]; Stephanie Van der Donck[1]; Roy Hessels[2]; Kaat Alaerts[3]; Bart Boets[1]

[1] Center for Developmental Psychiatry, KU Leuven, Belgium ; [2] Department of Experimental Psychology, Utrecht University, The Netherlands; [3] Neuromodulation Laboratory, KU Leuven, Belgium

21 **EEG-Based Neural Representations of Visually Guided Reaching and Placement Movements**

Petros Georgiadis; Erez Freud; Peter Kohler; Douglas Crawford

York University

23 **Evaluating ideal observers for large target identification tasks under additive white noise**

Can Oluk[1]; Wilson Geisler[2]

[1] École Polytechnique Fédérale de Lausanne (EPFL); [2] University of Texas at Austin

25 **MEG signals predict capacity limitations in working memory**

Philipp Deutsch[1]; Benjamin Peters[2]; Cora Fischer[1]; Jochen Kaiser[1]; Christoph Bledowski[1]

[1] Goethe University Frankfurt; [2] University of Edinburgh

27 **Spontaneous recovery of saccadic adaptation explained by a postdictive model**

Max Johann Schuhriemen; Jana Masselink; Markus Lappe

Universität Münster

29 **Multimodal retinal assessment of glaucomatous damage – analysis of structure, function, and vasculature**

Moein K. Tavakoli[1]; Khaldoon Al-Nosairy[1]; Francie H. Stolle[1]; Michael B. Hoffmann[1,2]

[1] Department of Ophthalmology, Otto-von-Guericke University, Magdeburg, Germany ; [2] Center for Behavioral Brain Sciences, Magdeburg, Germany

31 **Neurodynamical model of action-perception coupling for hand movements**

Martin A. Giese; Xinrui Jiang

University Clinic Tübingen , HIH / CIN

33 **Bayesian Comparisons Between Representations**

Heiko Schütt

Université du Luxembourg

35 **Introducing the DynaGrid. Development, Evolution, and Validation of a New Consumer Research Method based on Perception**

Lotta Straube; Alexander Pastukhov; Anna Heuschkel; Lisa Alexandra Gromer; Claus-Christian Carbon

Otto-Friedrich-University Bamberg

Monday, 25th August: Poster Session 2 (16.00 – 17.30)

2 **Auditory Experience Shapes Hierarchical Visual Rhythm Processing: Evidence from Congenitally Deaf and Hearing Individuals**

Li Shen[1]; Tingwei Yu[2]; Yadi Lan[2]; Jie Chen[2]; Ying Wang[1]; Yi Jiang[1]

[1] State Key Laboratory of Cognitive Science and Mental Health, Institute of Psychology, Chinese Academy of Sciences; [2] School of Educational Science, Cognition and Human Behavior Key Laboratory of Hunan Province, Hunan Normal University

4 **High distractibility predicts reduced task learning in multiple object tracking**

Nika Adamian[1]; Søren K. Andersen[2]

[1] Liverpool John Moores University; [2] University of Southern Denmark

6 **Becoming Famous Overnight: A Visually Mediated False Fame Effect in Logotype Recognition**

Berenika Nawoja Kostka de Sztemberg

Adam Mickiewicz University

8 **Modeling aesthetic experiences across dynamic natural inputs**

Mustafa Alperen Ekinci; Daniel Kaiser

Justus Liebig University Gießen

10 **Feature-dependent perception of auditory apparent motion**

Meike Charlotte Kriegeskorte; Elisabeth Hein

University of Tübingen

12 **Can an auditory signal pop out two visual targets? Yes, but it depends on individual audiovisual integration capacity.**

Rong Zhang; Xiaoyu Tang

Liaoning Normal University

14 **An investigation of perceptual grouping across vision and touch**

Alan O' Dowd; Fiona N Newell

University of Dublin, Trinity College Dublin

16 **In search of object colour representations using steady-state visually-evoked potentials**

Ana Rozman; Abigail Flowers; Jenny Bosten

University of Sussex

18 **Gaze behavior during the everyday task of pouring liquid**

Niteesh Midlagajni; Carola Stork; Constantin Rothkopf

TU Darmstadt

20 **Planned Study: EEG correlates of Object Optic Flow**

Benedikt Valerian Ehinger; Martin Geiger

University of Stuttgart

22 **Numerical Cognition and Locomotion: An Embodied Investigation Using Virtual Reality**

Tiziano Agostini; Angelica Ielo; Fabrizio Sors; Mauro Murgia

University of Trieste

24 **The Decline of Item Memory and Relational Memory in Older Adults With Subjective Cognitive Decline: An Eye-Tracking Study**

Peng Zhang[1]; Shaofeng Yang; Shiyi Li

[1] Tianjin Normal University

26 **Perceptual learning of a crowding task: Partial transfer between visual hemifields**

Tina Plank; Elena von Perponcher; Esther Ivanka Grätsch; Evamaria Meier; Mark W. Greenlee

University of Regensburg

28 **Facial monitoring with ARKit: Opportunities and limits**

Nicholas Logan[1]; Jesse K. Pazdera[2]; Naiqi G. Xiao[2]; Nikolaus F. Troje[1]

[1] York University, Centre for Vision Research; [2] McMaster University, Baby Lab

30 **Functional connectivity of visual-vestibular areas in the mid-sagittal cortex**

Anton L. Beer; Markus Becker; Sebastian M. Frank; Mark W. Greenlee

Universität Regensburg

32 **Multisensory Processing and Redundant Signals Effect in a Steady-State Evoked Potential Paradigm**

Alex Backler; Thomas Otto; Justin Ales

University of St Andrews

34 **Both Tactile and Visual Motion Enhance the Formation of Novel Object Categories**

Martina A. Seveso; Rebecca J. Hirst; Alan O'Dowd; Fiona N. Newell

Trinity College Dublin

36 **Ocular saccades influence loudness perception more than button presses: The role of prediction error**

Céline Paeye; Adrien Paire; Hélène Gomes de Araujo; Moth Majid; Roxanne Dadsetan; Dorine Vergilino-Perez

Laboratoire VAC - Université Paris Cité

Tuesday, 26th August: Poster Session 3 (10.00 – 11.30)

1 **Objects and Actions in Context: Understanding Scene Functions Based on Phrases and Anchors**
Lea Müller Karoza; Melissa L.-H. Vo
Ludwig Maximilian University of Munich

3 **Attractiveness at first sight: Revisiting of the effect of symmetry on human facial attractiveness**
Ayesha Ahmed; Treedom Beiyin Zhang; Olivia S. Cheung
New York University Abu Dhabi

5 **Subjective Time Dilation in Optic Flow: Effects of Visual Gravity and Motion Speed on Duration Estimation**
Gergely Gerstmayer; Jason Clarke
School of Human and Social Sciences, University of West London

7 **Rapid Activation of Beauty-Related Neural Representations Across Cortex**
Philipp Flieger; Rico Stecher; Daniel Kaiser
Justus Liebig University Gießen

9 **Community based eye-tracking and healthy food choice: opportunities and challenges**
Eugene McSorley; Wanyin Li; Rachel McCloy
University of Reading

11 **An illusion of absence in a VR traffic scenario**
Subhankar Karmakar[1]; Melika Miralem[1]; Pierre-Pascal Forster[2]; Rob van Lier[2]; Vebjørn Ekroll[1]; Marcin Czub[3]
[1] University of Bergen; [2] Radboud University; [3] University of Wrocław

13 **Counter-predictive cueing: overriding gaze leads to longer saccade latencies than overriding arrows**
Inka Schmitz; Wolfgang Einhäuser
Chemnitz University of Technology

15 **Confidence about correct decisions is increased at the saccade target**
Patricia R. Mueller; Wolfgang Einhäuser
Chemnitz University of Technology

17 **The similarity of similarity tasks: Comparing eight different measures of similarity.**
Malin Styrnal[1]; Laura Stoinski[2]; Philipp Kaniuth[2]; Martin N. Hebart[1]
[1] Justus Liebig University Giessen, Giessen, Germany; [2] Max Planck Institute for Human Cognitive and Brain Sciences, Leipzig, Germany

19 **Visual Discrimination of Complex Naturalistic Stimuli**
Mina Glukhova
Ernst Strüngmann Institute for Neuroscience

21 **Perturbation detection and pupillary responses in split-belt walking**
Carl Müller; Karl Kopiske
Chemnitz University of Technology

23 **No Evidence for Enhanced Sensory Imagery in Synaesthetes using Psi-Q Assessment**
Árni Gunnar Ásgeirsson[1]; Hulda Björk Gunnarsdóttir[2]; Hrafnhildur Ólafsdóttir[2]; Inga María Ólafsdóttir[3]; Heida Maria Sigurdardottir[2]
[1] University of Akureyri; [2] University of Iceland; [3] Reykjavik University

25 **Combining Social Norm Nudges for Sustainable Online Meal Choices**
Daniele Catarci; Lars Bläuer; Ester Reijnen
Zürcher Hochschule für Angewandte Wissenschaften (ZHAW)

27 **When perceptual uncertainty must be predictable – EEG correlates of perceptual uncertainty processing across stimulus repetitions**
Shalila T. Freitag[1]; Maximilian Billian[1]; Mareike Wilson[1]; Ludger Tebartz van Elst[2]; Jürgen Kornmeier[1]; Ellen Joos[1]
[1] Institute for Frontier Areas of Psychology and Mental Health, Freiburg, Germany; [2] Medical Center, University of Freiburg, Freiburg, Germany

29 **The prior Stroop task affects the performance of facial recognition**
Shuma Fujikawa; Kyoko Hine; Tetsuto Minami; Shigeki Nakauchi
Toyohashi University of Technology

31 **Testing high-speed OLED monitors (240 Hz & 480 Hz) for vision science: Advantages & Artifacts**
Olaf Dimigen; Arne Stein
University of Groningen

33 **Bayesian estimation of intra-individual variability in visual attention capacity and weight distribution**
Ngoc Chi Banh; Ingrid Scharlau
Paderborn University

35 **Adaptation of Serial Dependence in Visual Working Memory Reflects Target Fidelity, not Inducer Fidelity**
Bugay Yildirim; Aysecan Boduroglu
Koç University

Tuesday, 26th August: Poster Session 4 (15.30 – 17.00)

2 **Comparing Size Discrimination in Visuomotor and Perceptual Judgements**

Tanja Huber[1]; Kriti Bhatia[1]; Angela Osenberg[1]; Frederic Goehringer[2]; Thomas Schenk[2]; Markus Janczyk[3]; Volker H. Franz[1]

[1] University of Tuebingen, Germany; [2] Ludwig-Maximilians-University Munich; [3] University of Bremen

4 **Development of lateralized processes in facial expression recognition**

Kanade Mori; Hikaru Nozawa; So Kanazawa; Riku Umekawa; Masami K. Yamaguchi

6 **Optimizing priming effects: manipulating response-deadlines and effect sizes**

Maximilian P. Wolkersdorfer; Omar Jubran; Thomas Schmidt

RPTU University of Kaiserslautern-Landau

8 **Unraveling the time course of attentional capture: an EEG-RIFT study**

Dan Wang; Surya Gayet; Kabir Arora; Stefan van der Stigchel; Samson Chota

Utrecht University

10 **The Influence of TMS-Induced Perturbation of Egocentric and Allocentric Brain Hubs on Reach Accuracy and Precision**

Lina Musa; Gaelle Nsamba Luabeya; Brando Sheldrick; Ali Rezaei; Saihong Sun; Xiaogang Yan; J. Douglas Crawford

York University

12 **Infants look longer at images the less natural the image content and mid-level image statistics are associated with this 'artificial bias'**

Katherine Alexandra Symons[1,2]; Anna Franklin[1]; Alice Elizabeth Skelton[1,2]

[1] The Sussex Baby Lab, University of Sussex; [2] Nature and Development Lab, University of Sussex

14 **How stimulus context affects category differentiation**

Barbara F. Mühlbauer; Felix A. Wichmann

Eberhard Karls Universität Tübingen

16 **Touch screens in hypergravity: G-load cannot be adequately simulated outside a centrifuge**

Andreas Schmidt[1]; Carla Aulenbacher[2]; Oliver Daum[1]; Heiko Hecht[2]

[1] Bundeswehr; [2] Johannes Gutenberg University Mainz

18 **Sun Dogs & View Boosting**

Jan Koenderink; Andrea van Doorn

KU Leuven

20 **Spatial Expectations do not alter Temporal Judgements**

Alina Krug; Marian Sauter; Anke Huckauf

Ulm University

22 **Stand tall, feel bright? How bodily affordance and the experience of embodiment shape emotion regulation**

Yi-Min Tien[1,2]; Pin-Yun Lin[1]; Chia-Yao Lin[3]; Li-Chuan Hsu[3]

[1] Chung Shan Medical University; [2] Chung Shan Medical University Hospital; [3] China Medical University

24 **The impact of prior information on hallucinatory perception in healthy observers**

Markus Grüner; Uwe Mattler

University of Göttingen

26 **Do You Like Your Body? Exploring Body Dissatisfaction and Body Size Distortion Through Eye-Tracking and the Influence of Idealized Bodies on Social Media**

Ling-Yen Kang[1]; Li-Chuan Hsu[2]; Chia-Yao Lin[2]; Yi-Min Tien[3]; Da-Lun Tang[4]

[1] Department of Public Health, China Medical University, Taichung, Taiwan; [2] School of Medicine, China Medical University, Taichung, Taiwan; [3] Department of Psychology, Chung Shan Medical University, Taichung, Taiwan; [4] Department of Mass Communication, Tamkang University, New Taipei City, Taiwan

28 **Does target template matching benefit from repeated contexts in visual search?**

Feifei Zhao; Markus Conci

Ludwig Maximilian University of Munich

30 **Spectral analysis of the effect of a stationary background on smooth pursuit eye movements**

Xin Liu; Aurelio Bruno; Douglas J.K. Barrett; David Souto

University of Leicester

32 **Investigating the Effect of Simulated Scotomas on Gaze Behavior during Navigation in Virtual Reality**

Safa Andac[1]; Jasmin L. Walter[2]; Khaldoon Al-Nosairy[1]; David L. Mann[3]; Peter König[2]; Michael B. Hoffmann[1]

[1] Otto-von-Guericke University Magdeburg; [2] University of Osnabrück; [3] Vrije Universiteit Amsterdam

34 **Estimation of reward expectation using modeled attention and ocular metrics during the playing of a card game**

Minoru Nakayama

Institute of Science Tokyo (Tokyo Institute of Technology)

36 **The Effect of Visual Field Asymmetries on the Timing of Perceptual Events**

Julia Papiernik-Kłodzińska; Renate Rutiku

Jagiellonian University in Krakow

Wednesday, 27th August: Poster Session 5 (10.00 – 11.30)

1 **Temporal evolution of gaze responses to target perturbations**

David Franklin[1]; Dimitris Voudouris[2]

[1] Technical University of Munich; [2] Justus Liebig University Giessen

3 **Decoding Dynamic Changes in Stimulus Categories from EEG Responses**

Ilker Duymaz; Micha Engeser; Daniel Kaiser

Justus-Liebig University Giessen

5 **Time-to-collision estimation in the Oppel-Kundt illusion**

Carolin Sweeney; Heiko Hecht; Christoph von Castell

Johannes Gutenberg University Mainz

7 **The impact of monitor position on gap acceptance judgments in camera-monitor systems**

Elisabeth Wögerbauer; Heiko Hecht

Johannes Gutenberg University Mainz

9 **Objects in vista space are misrepresented as being too close in a spatial updating task**

Leonie Hirsch[1]; Anna Luisa Maier[1]; Nuno De Sá Teixeira[2]; Michel-Ange Amorim[3]; Christoph von Castell[1]; Heiko Hecht[1]

[1] Johannes Gutenberg University Mainz; [2] University of Aveiro, Campus Universitário de Santiago; [3] Université Paris-Saclay, Inria, CIAMS

11 **Dyadic Learning With a High-proficiency Partner Specifically Fosters Gaze-Mediated Social Attention**

Shujia Zhang; Bin Zhan; Li Wang; Yi Jiang

Chinese Academy of Sciences

13 **In the hands of metacontrast: investigating the dual-task structure of an unconscious priming paradigm**

Charlott Wendt; Guido Hesselmann

Psychologische Hochschule Berlin

15 **Delay Adaptation in Target Tracking: partial Transfer to non-adapted Hand and full Transfer to Multisensory Spatial Offsets**

Hannes Reiber; Celine Honekamp; Loes C. J. van Dam

TU Darmstadt

17 **Novel approach to assess oculomotor behaviour in amblyopia during naturalistic tasks**

Maite Valentino; Clara Mestre; Marc Argilés; Luis Pérez-Mañá; Jaume Pujol

Universitat Politècnica de Catalunya

19 **GridSamp: An Open-Source Python Toolbox for Flexible Grid-Based Image Sampling**

Leemans Maarten; Christophe Bossens; Johan Wagemans

University of Leuven (KU Leuven)

21 **Decoding auditory working memory load from EEG alpha oscillations**

Yichen Yuan[1]; Surya Gayet; Derk Wisman; Stefan van der Stigchel; Nathan van der Stoep

[1] Utrecht University

23 **EEG activity in response to disocclusion of objects appearing from seemingly empty spaces**

Pierre-Pascal Forster[1]; Sebastian Jentschke[2]; Vebjørn Ekroll[2]; Rob van Lier[1]

[1] Radboud University, Donders Institute for Brain, Cognition, and Behaviour, Nijmegen, The Netherlands; [2] Department of Psychosocial Science, University of Bergen, Bergen, Norway

25 **Evaluating Pupil Size as a Continuous Marker of Attentional Breadth**

Marleen Abbestee; Christoph Strauch; Chris Paffen; Stefan van der Stigchel

Utrecht University

27 **The Relationship Between Social Anxiety Tendencies and Pupil Size Responses**

Rumi Hisakata; Ao Gao; Hirohiko Kaneko

Institute of Science Tokyo (Tokyo Institute of Technology)

29 **Limitations of Fast Periodic Visual Stimulation in Capturing the Neural Face Inversion Effect**

Lisa Stacchi; Fazilet Zeynep Yildirim-Keles; Roberto Caldara

University of Fribourg

31 **Visual Masking Across Saccades: Evidence from Real and Simulated Eye Movements**

Pragya Pandey; Mark Wexler

CNRS & Université de Paris

33 **Influence of Local Contrast on Low- and High-Level Contextual Modulations: Shared, but Functionally Independent**

Marius Grandjean; Mehmet Umut Canoluk; Valérie Goffaux

UCLouvain

35 **The Motion Aftereffect Induced by Global Illusory Rotation: An Investigation of Interocular Transfer**

Eiichi Mitsukura; Yasuhiro Seya

Aichi Shukutoku University

Wednesday, 27th August: Poster Session 6 (15.30 – 17.00)

2 **Beyond the Embedded Figures Test: Investigating the Relationship Between Autistic-Like Traits and Visual Processing Styles Across Tasks**

Ann-Kathrin Beck; Hannah Plueckebaum; Thomas Lachmann

University of Kaiserslautern-Landau

4 **Intensified trypophobia during the pandemic**

Shu Imaizumi

Ochanomizu University

6 **Conflicting heading biases explained by different reference frames**

Renate Reisenegger[1]; Ambika Bansal[2]; Laurence R. Harris[2]; Frank Bremmer[1]

[1] Philipps Universität Marburg ; [2] York University

8 **Interpersonal pupil synchronization during high-engagement team plays**

Hsin-I Liao[1]; Maxwell Montemayor[2]; Katelyn Haly[2]; Makio Kashino[1]; Shinsuke Shimojo[2]

[1] NTT Communication Science Laboratories; [2] Caltech

10 **The impact of mental imagery and sensory sensitivity on visual perception**

Katerina Christodoulou[1]; Reshanne Reeder[2]; Merlin Monzel[3]; Emiel Krahmer[1]; Tessa M. van Leeuwen[1]

[1] Department of Communication and Cognition, Tilburg University, Tilburg, the Netherlands; [2] Department of Psychology, Institute of Population Health, University of Liverpool, Liverpool, United Kingdom; [3] Department of Psychology, University of Bonn, Germany

12 **Rapid Assessment of Visual, Oculomotor, and Upper-Limb Motor Function via Continuous Psychophysics**

Veronica Pisu[1]; Omer F. Yildiran[2]; Chloe Lam[1]; Saivydas Villani[1]; Pascal Mamassian[3]; Dominik Straub[4]; Constantin A. Rothkopf[4]; Guido Maiello[1]

[1] University of Southampton; [2] New York University; [3] ENS Paris; [4] TU Darmstadt

14 **Bias in Crowd Age Perception: Do we give more weight to people of our own or other age range?**

Tibor Biacsi; Tram T. N. Nguyen; Ian M. Thornton

University of Malta

16 **“This photo is fake!”: How individual differences and selective attention to photograph content affect its perceived authenticity.**

Laurent Beaupoil; Beata Pacula-Leśniak; Michał Kuniecki

Institute of Psychology, Jagiellonian University

18 **Volkmann’s Vision**

Hans Strasburger[1]; Nicholas Wade[2]

[1] LMU München; [2] University of Dundee

20 **Visual Divided Attention in 2D/3D Multiple Object Tracking Tasks in a VR Environment**

Yuting Huang; Rumi Hisakata; Hirohiko Kaneko

Institute of Science Tokyo (Tokyo Institute of Technology)

22 **The Relationship Between Visually Induced Motion Sickness Severity and the Cognitive Load of Auditory Tasks**

Rei Usami; Masaki Ogawa

Graduate School of Engineering, Mie University

24 **Does being overlooked affect where you look? How Ostracism Impacts Attention bias, Mimicry, and Self-Disclosure.**

Deepshikha Prasad; Louise S. Delicato; Gnanathusharan Rajendran; Mel McKendrick

Heriot-Watt University

26 **Looking at Nothing in Context-Dependent Multi-Attribute Decisions**

Judith Haubner; Georg Jahn

Chemnitz University of Technology

28 **A Vestibular Training to Reduce Dizziness**

Carla Aulenbacher; Laurin Helmbold; Henrik Eichhorn; Christoph von Castell; Heiko Hecht

Johannes Gutenberg University Mainz

30 **MooneyMaker: A Python package to automatically create ambiguous Mooney (two-tone) images**

Lars C. Reining[1]; Thabo Matthies[1]; Rabea Turon[1]; Thomas S. A. Wallis[1,2]

[1] Technical University of Darmstadt, Germany; [2] Centre for Mind, Brain and Behaviour (CMBB), Universities of Marburg, Giessen and Darmstadt, Germany

32 **The impact of confidence measurement and its methodology on long term biases in perceptual decision-making tasks**

Barnabás Molnár; Ádám Koblinger; József Fiser

CEU GmbH - Central European University Private University GmbH

34 **Modeling non-rigid motion perception using Gaussian process in the vector field**

Wataru Suzuki[1]; Shin’ichi Asakawa[2]; Wakayo Yamashita[3]; Hiroshige Takeichi[1]

[1] RIKEN; [2] Tokyo Woman's Christian University; [3] Kagoshima University

36 **Self-induced motion is recalibrated based on the vector average during smooth pursuit eye movements**

Alexander C. Schütz[1]; Rozana Ovsepian[1]; David Souto[2]

[1] University of Marburg; [2] University of Leicester

Thursday, 28th August: Poster Session 7 (10.00 – 11.30)

1 **Visual mental imagery enhances emotional responses to positive but not negative episodic memories**

Emma Austin[1]; Emmanuel Ale; Edwin Burns[2]; Reshanne Reeder[1]

[1] University of Liverpool; [2] Swansea University

3 **What is the impact of digital twin models on visual perception?**

Kazim Hilmi Or

Private Office of Ophthalmology

5 **Microstimulation of V4 Domains Causally Modulates Visual Perception in Non-Human Primates**

Younes Valibeigi; Christopher C. Pack

Montreal Neurological Institute, McGill University, Quebec, Canada

7 **Amodal completion in natural scenes**

Roberto Scott Luciani[1]; Paul Henderson[1]; Michele Sevegnani[1]; Lars Muckli[1]; Benjamin Peters[2]

[1] University of Glasgow; [2] University of Edinburgh

9 **The path from vision to feelings: comparing the performance of explicit models and neural networks in predicting affective responses to indoor environments**

Fatih Deniz; Kynthia Chamilothori; Linghan Zhang; Yvonne de Kort

Eindhoven University of Technology

11 **The role of local curvature maxima and minima and information in the recognition of artificial and natural planar shapes**

Gunnar Schmidtmann[1]; Nicholas Baker[2]; Kevin Lande[3,4]; Filipp Schmidt[5]

[1] Eye & Vision Research Group, University of Plymouth, Plymouth, United Kingdom; [2] Department of Psychology, Loyola University Chicago, Chicago, IL, United States; [3] Department of Philosophy, York University, Ontario, Canada; [4] Centre for Vision Research, York University, Ontario, Canada; [5] Justus Liebig University Giessen

13 **The role of Visual gravitational motion in modulating spatial mislocalizations**

Rodrigo Freitas[1]; Samuel De Sousa Silva[1]; Nuno De Sá Teixeira[2]

[1] University of Aveiro; [2] William James Center for Research

15 **A Machine Learning Approach to Predict Valence and Arousal in Virtual Reality Using Eye-Tracking**

Michał Kuniecki[1]; Beata Pacula-Leśniak[1]; Agata Szymańska[1]; Paweł Jemioło[2]

[1] Jagiellonian University, Institute of Psychology; [2] AGH University of Krakow

17 **Estimating Spectral BRDF Parameters Using Handheld Devices**

Bita Panahi; Aditya Sole; Ivar Farup

NTNU

19 **Relationship between the material perception of glass or metal and the vergence distance**

Yuta Sato; Hideki Tamura; Tetsuto Minami; Shigeki Nakauchi

Toyohashi University of Technology

21 **Visually-induced haptic perception in VR: Visual manipulation of deceleration rate and vibration of approaching object**

Takao Fukui; Yudai Nishidamari

Tokyo Metropolitan University

23 **The Odd-one-out Asymmetry in Chroma Discrimination**

Laysa Hedjar; Florian S. Bayer

Justus-Liebig-Universität Gießen

25 **What to probe next? Active Stimulus Generation for Similarity Studies using GANs**

Victor Navarro; Christoph Teufel

Cardiff University

27 **A Reflectance-Based Colour Constancy Model Validated by Human Performance in Virtual Reality**

Hamed Heidari-Gorji; Raquel Gil Rodriguez; Karl Gegenfurtner

Justus Liebig University Giessen

29 **Estimating Population Receptive Fields and Functional Localizers from Natural Images using Integrated Gradient Correlation**

Pierre Lelièvre; Chien-Chung Chen

National Taiwan University

31 **AxF – "Soft" Standardization of Appearance in the Supply Chain**

Gero Müller

X-Rite GmbH

33 **One object, two features: Probing ensemble perception with emotion-tinted faces**

Sabrina Hansmann-Roth[1]; Jason Haberman[2]; Anton Lukashevich[1]

[1] University of Iceland; [2] Rhodes College

35 **Simulation of amodal completion using recurrent CNN considering the architecture of the visual system**

Ryoga Honda[1]; Masayuki Kikuchi[2]

[1] SUBARU CORPORATION; [2] Computer Science Program, Graduate School of Bionics, Computer and Media Sciences, Tokyo University of Technology

Thursday, 28th August: Poster Session 8 (15.30 – 17.00)

2 **Task-relevance in response priming: flip-flopping visual dimensions**
Xin Ying Lee; Thomas Schmidt
RPTU Kaiserslautern-Landau

4 **Active object manipulation reduces material discrimination error in virtual reality**
Hideki Tamura[1]; Kevin Helgeland[2]; Ryu Nomachi[1]; Shigeki Nakauchi[1]; Tetsuto Minami[1]
[1] Toyohashi University of Technology; [2] Norwegian University of Science and Technology

6 **Motor-driven Serial Dependence: When Response Consistency Matters More than Shared Memory Encoding**
Jiao Wu[1]; Halid Oğuz Serçe[2]; Xuelian Zang[3]; Zhuanghua Shi[1]
[1] Ludwig-Maximilians-Universität München; [2] Bahçeşehir University; [3] Center for Cognition and Brain Disorders, Affiliated Hospital of Hangzhou Normal University

8 **Discrimination of Mooney faces in infancy**
Ryuto Takashima; Nanako Yamanaka; Nobu Shirai
Rikkyo University

10 **Effects of lighting direction and beam angle on the appearance of a craft**
Keito Sato; Hiromi Sato; Yoko Mizokami
Chiba University

12 **The development of a novel method to induce Aha! moments and predicting them from facial features**
Satoshi Shioiri; Koshi Akedo; Yasuhiro Hatori; Chiahuei Tseng
Tohoku University

14 **Beyond the Visible: Novice Engagement with Figurative and Abstract Art in Virtual Reality**
Itay Goetz; Jennifer Tesch; Claus-Christian Carbon
University of Bamberg, Bamberg, Bavaria, Germany

16 **Seeing the trend, changing the plate: Can social media poll results sway people's nutrition behavior?**
Lars Bläuer; Lea Laasner Vogt; Ester Reijnen
Zürcher Hochschule für Angewandte Wissenschaften (ZHAW)

18 **Depth and Interaction Modulate Color Aftereffects in Virtual Reality**
Aravind Battaje[1]; Nina Hanning[2]; Oliver Brock[1]; Martin Rolfs[2]
[1] Technische Universität Berlin; [2] Humboldt-Universität zu Berlin

20 **Explicit acceleration signals enhance acceleration processing and TTC estimation for accelerating vehicles**
Christoph von Castell; Rafaela Baumann; Louisa Woop; Marlene Wessels
Johannes Gutenberg University Mainz

22 **The Role of Ensemble Emotion in Affective Decision-Making**
Eliz Shimshek[1,2]; Marco A. Sama[2]; Jonathan S. Cant[2]
[1] University of Toronto; [2] University of Toronto Scarborough

24 **Perceptual Scaling of Synthesized Material Mixtures**
Hua-Chun Sun; Hannah Schösser; Lily Stock; Roland Fleming
Justus Liebig University Giessen

26 **Contrast polarity in photopic and scotopic vision**
Lisa Widmayer; Alexander C. Schütz
University of Marburg

28 **Visual Parameters Modulating Perceived Area Overestimation of Dot Clouds Relative to Their Convex Hull**
Kalliopi M. Protogeraki; Eleni I. Maragkou; Emmanouil D. Protonotarios
National & Kapodistrian University Of Athens

30 **Contributions of Shape and Material to Object Recognition**
Fatma Kilic; Celine Aubuchon; Emily A-Izzeddin; Zoe R. Goll; Roland Fleming; Filipp Schmidt
Justus-Liebig-Universität Gießen

32 **Illusory parallax in stereoscopic displays explained within a predictive coding context**
Danial Kordmodanlou; Nikolaus F. Troje
York University

34 **In Color We Trust: Analyzing the Role of Interface Hues and Saturation on Perception of News Source Credibility**
Ekaterina Kosova
National Research University Higher School of Economics

36 **Investigating Perspective Effects on Sustained Posterior Negativity with Real-World Objects**
Andrea Ghiani[1]; Carolina Maria Oletto[1]; Luca Battaglini[1]; Patrizia Bisiacchi[1]; Antonino Vallesi[1]; Alexis Makin[2]; Marco Bertamini[1]
[1] Università di Padova; [2] University of Liverpool