Poster Sessions 7:
Object perception and Scene Perception; Emotion &
Social Talk; Art & Aesthetics

10:00-11:00

Thursday, 31 August 2023

31 AUG 2023

Object and Scene Perception Poster Session

1. High-level visual information of local fragments affects object recognition
Elsa Scialom, Udo Ernst, David Rotermund, Michael H. Herzog

2. The Temporal Dynamics of Size Constancy in Natural Scenes
Lu-Chun Yeh, Daniel Kaiser, Elisa Battistoni, Surya Gayet, Marius Peelen

3. Is peripheral object discrimination relying on visual imagery?
Carolina Maria Oletto, Giulio Contemori, Luca Battaglini, Marco Bertamini

4. The probabilistic nature of coding episodic memories
Jozsef Fiser, David Magas

5. Spontaneously emerging structural constraints and top-down expectations jointly determine
representational efficiency in a predictive coding network
Stefan Brugger, Rosalyn Moran, Christoph Teufel

6. Feature synergy is based on regional saliency during figure-ground segregation
Cordula Hunt, Gunter Meinhardt

7. Are visual processing tendencies associated with a difference in Body Image Concern?
Elena Buß, Alexander Pastukhov, Claus-Christian Carbon

8. Using the Natural Scenes Dataset to identify brain regions responsive to the colour statistics of objects in natural scenes
Ian Pennock, Jenny Bosten, Anna Franklin

9. Task-independent allocentric representation of symmetry using polygons
Elena Karakashevska, Alexis Makin, Marco Bertamini

10. Individual Differences in Internal Models Determine Scene Perception
Gongting Wang, Matthew Foxwell, Radoslaw Cichy, David Pitcher, Daniel Kaiser

11. The effect of natural scene statistics in static and dynamic synthetic images on perceived restoration and shape discrimination
Michelle Roberts, Carolyn Lee, Branka Spehar

12. AI versus CG, AI generated convincing materials in different shapes
Yuguang Zhao, Huib de Ridder, Jeroen Stumpel, Maarten Wijntjes

13. Influence of curvature and visual context on the perception of artificial human skin appearance
Soyogu Matsushita

14. Animal, plant or mineral: disentangling object concepts from visual features
Sophia Shatek, Thomas Carlson

15. Cardinal repulsion biases of real-world objects in three dimensions
Anantaporn Sena, Rosanne Rademaker, Chaipat Chunharas

16. Out of sight: The Impact of Hidden Objects on Visual Search in 3D Scenes.
Jonathan Niklas Mader, Erwan David, Melissa Le-Hoa Vo

17. Do changes in the ability to perceive shape from shading index cognitive function? Evidence for sexspecific effects.
Beverley Pickard-Jones, Ayelet Sapir

18. Untangling the contributions of conceptual similarity and scene entropy in the success of meaning maps
Maarten Leemans, Claudia Damiano, Johan Wagemans

19. Semantic Contrast: Quantifying the Change in Semantic Content Across Images
Sophie Heer, Marek A. Pedziwiatr, Peter Bex, Antoine Coutrot, Isabelle Mareschal

20. Towards Fairly Evaluating Object Detection Performance in Humans and Machines
Vasha DuTell, Anne Harrington, Ayush Tewari, Mark Hamilton, Simon Stent, William T. Freeman, Ruth Rosenholtz

21. A flower in a vase and a plant in a pot: The visual representation of spatial relations
Sofie Vettori, Jean-Remy Hochmann, Liuba Papeo

22. Spatial-frequency channels for object recognition by neural networks are twice as wide as those of humans. An explanation for shape bias?
Ajay Subramanian, Elena Sizikova, Najib J. Majaj, Denis G. Pelli

23. Symmetry Detection in Images of Natural Scenes by Humans and Machines
Lisa Koßmann, Gonzalo Muradas Odriozola, Christophe Bossens, Johan Wagemans

24. LangMark – object annotations for scenes with semantic inconsistencies to connect language models to vision science
Marek A. Pedziwiatr, Sophie Heer, Peter Bex, Antoine Coutrot, Melissa Le-Hoa Vo, Isabelle Mareschal

Emotion & Social Talk Poster Session

25. Investigating the Emotional Responses and Preferences of Individuals to AI-Generated visual stimuli
Simone Grassini, Mika Koivisto

26. To investigate the influence of body perception and body satisfaction on eating attitudes
Xing-Rou Wong, Pin-Yun Lin, Chia-Yao Lin, Li-Chuan Hsu, *Yi-Min Tien*

27. Online food choices: When does "recommended by" work?
Daniele Catarci, Lea Laasner Vogt, Swen Jonas Kuhne, Lars Blauer, Ester Reijnen

28. Influence of context on facial expression perception in an at-risk sample of children with emotional difficulties
Ozge Gezer, Christoph Teufel, Stephanie Van Goozen, Elisabeth Von Dem Hagen

29. Impact of morality on the attentional blink
Risako Shirai, Hirokazu Ogawa

30. Seeing Trouble: Relationship between Sensitivity and Threat in response to Ambiguous Emotional Expressions
Deepshikha Prasad, Mary-Ellen McKendrick, Louise Delicato, Gnanathusharan Rajendran

31. A model of the interference caused by the presence of others: the role of others' intention.
Gabriele Pesimena, Alessandro Soranzo

32. A model of the interference caused by the presence others
Alessandro Soranzo, Gabriele Pesimena

33. Is imagination necessary for emotional engagement with verbal storytelling?
Noha Abdelrahman, Francesco Mantegna, Maria Pombo, David Melcher

34. Real or fake? The authenticity evaluation of photojournalistic images depends on the viewers' political beliefs.
Beata Pacula-Leśniak, Joanna Pilarczyk, Tomasz Kulczycki, Michał Kuniecki

35. Different leveraging of contextual visual information during the prediction of social and non-social perceptual events in typical and atypical neurodevelopment.
Alessandra Finisguerra, Sara Boscarol, Lucia Amoruso, Tiziana Zilli, Antonio Narzisi, Cosimo Urgesi

36. Are social interactions preferentially attended in real-world scenes? Evidence from eye-tracking
Mahsa Barzy, Eugene McSorley, Rachel Morgan, Richard Cook, Katie Gray

Art & Aesthetics Poster Session

37. Low aesthetic value ("ugliness") without semantics
C. Alejandro Parraga, Marcos Munoz Gonzalez

38. The effects of art expertise on the relationship between perceived object stability and aesthetic judgments
Emika Okumura, Toshimasa Yamanaka

39. The effect of agency on the beauty of images
Anna Bruns, Denis Pelli

40. Exploring preference for symmetry using the method of production
Andreas Gartus, Helmut Leder

41. Effects of Spatial Ability on Complexity Preference in the Aesthetic Appreciation of Chinese Landscape Paintings
Kunlin Jin, Kang Zhang, Rongrong Chen

42. The automaticity of 'seeing-in': Pictorial depth cues influence judgments of surrounding spatial relationships even when task-irrelevant
June Huang, Kexuan Zhang, Benjamin van Buren

43. Objective vs subjective order and complexity in relation to aesthetics tested with evolutionary algorithms
Elisabeth Van der Hulst, Alexander Pastukhov, Eline Van Geert, Claus-Christian Carbon, Johan Wagemans

44. Aesthetic experience in museum vs. laboratory: psychophysiological and behavioral evidence
Serena Castellotti, Ottavia D'Agostino, Maria Del Viva