Colour Poster Session

1. Effects of light enhancement at 585nm wavelength on beauty reduction
Megumi Nishikawa, Akiyoshi Kitaoka

2. Evaluation of classic colour constancy algorithms on spectrally rendered ground-truth
Matteo Toscani, Giuseppe Claudio Guarnera, Tao Chen

3. Colour can be decoded from MEG frequency power
Lemona Xinxuan Zhang, Jenny Bosten

4. Skin colour discrimination sensitivity is not predicted by haemoglobin oxygen saturation of skin
Sophie Wuerger, Tushar Chauhan, Kaida Xiao

5. Does pupil dilation trigger a shift from rod-dominated vision to cone-dominated vision?
Veera Ruuskanen, Sebastiaan Mathot

6. From colour to position: how the visual system infers location from feature distributions.
Philippe Blondé, Sabrina Hansmann-Roth, David Pascucci, Arni Kristjansson

7. An online color vision test.
João M.M Linhares, Paulo Jorge Alves, Jose A.R. Monteiro, Andreia Gomes, Sergio M.C. Nascimento

8. A computational model of accommodation control exploiting chromatic aberration
Francisco M. López, Judith Massmann, Bertram E. Shi, Jochen Triesch

9. Development of a Simultaneous Selection Colour Vision Test
Leonardo Henriques, Givago Souza, Marcelo Fernandes Costa, Dora Ventura

10. Amodal completion of color
Dejan Todorovic, Dejan Todorovic

Learning Poster Session

11. Visual Perceptual Learning of Feature Conjunctions Leverages Non-linear Mixed Selectivity
Behnam Karami, Caspar M. Schwiedrzik

12. Prolonged exposure to sub-threshold contrasts does not drive perceptual learning
Adelina-Mihaela Halchin, Christoph Teufel, Aline Bompas

13. The Influence of a 2D versus 3D Environment on Driver Learning Outcomes during a Vehicle Overtaking Task
Michael Batterley, Georg Meyer, Mark White

14. Investigating modifications to the brain's microstructure using Diffusion Kurtosis Imaging: An Examination of Visuomotor Training
Fahad AL Harshan, Georg Meyer, Fiona Rowe, Sophie Wuerger, Abdulrahman Aloufi

15. Human saccadic exploration behavior in a 5-choice reversal learning task
Fred Hamker, Oliver Maith, Wolfgang Einhauser, Javier Baladron

16. Dimensional reinforcement expectancy in a stepwise multidimensional visual discrimination task by pigeons
Olga Vyazovska

17. Visual Aversive Learning Does Not Compromise Sensory Discrimination
Marco Roccato, Andrea Pavan, Gianluca Campana, Maurizio Codispoti

18. Interface's visual cues in dyslexic users' procedural learning
Frol Sapronov, Elena Gorbunova

19. Perceptual learning of a Form-from-Velocity Task
Elena von Perponcher, Carla Reinalter, Lena Bock, Edith Benkowitsch, Mark Greenlee, Tina Plank

20. Perceptual learning increases perceived stimulus size at trained locations and improves untrained foveal performance
Chongyue He, Bao Nguyen, Yu Man Chan, Allison McKendrick

21. Contextual learning of multiple target locations in visual search: ERP evidence
Artyom Zinchenko, Thomas Geyer, Xuelian Zang, Zhuanghua Shi, Hermann Muller, Markus Conci

22. Reading speed and neural dynamics related to word form recognition are modulated by the combination of multi-session tACS and reading training in Developmental Dyslexia
Chiara Turri, Giuseppe Di Dona, Denisa Adina Zamfira, Francesco De Benedetto, Giada Alessi, Martina Battista, Daniela Perani, Luca Ronconi

23. Task-irrelevant phase but not contrast variability unlocks generalization in visual perceptual learning
Beyza Akkoyunlu, Caspar Schwiedrzik

24. The COCO-Periph Dataset: Benchmarking and Training Deep Neural Networks Using Human Peripheral Vision
Anne Harrington, Vasha DuTell, Ayush Tewari, Mark Hamilton, Simon Stent, William Freeman, Ruth Rosenholtz

25. Distractor suppression operates in retinotopic coordinates
Yayla Ilksoy, Dirk van Moorselaar, Benchi Wang, Jan Theeuwes

26. Generating candidate cognitive models for the Posner cueing task
Laura Bartlett, Angelo Pirrone, Noman Javed, Peter Lane, Fernand Gobet

27. Reading acceleration training combined with bilateral parietal tACS at beta frequency reduces regressive fixations and saccades in Developmental Dyslexia
Giuseppe Di Dona, Denisa Adina Zamfira, Chiara Turri, Martina Battista, Giada Alessi, Daniela Perani, Luca Ronconi

Visual Working Memory Poster Session

28. Challenging the spatial modality of a digital Corsi task by manipulating spatial updating and mental rotation
Gregor Hardiess

29. The effect of phasic and tonic alerting on visual perception
Dawa Dupont, Signe Vangkilde, Anders Petersen

30. Do we use depth when selecting objects from visual working memory?
Babak Chawoush, Freek van Ede

31. Effect of group homogeneity on ensemble bias visual working memory of individual representation.
Nithit Singtokum, Sedthapong Chunamchai, Chaipat Chunharas

32. Beyond the magical number of seven: Subitizing does not reflect a pre-categorial process limited to 7 items but benefits from cardinal patterns way beyond this so-called magical frontier of iconic memory
Claus-Christian Carbon, Malin Styrnal, Alexander "Sasha" Pastukhov

33. Are microsaccades biased similarly during external and internal shifts of covert attention?
Zampeta-Sofia Alexopoulou, Baiwei Liu, Freek van Ede

34. Resting-state electroencephalographic change in response to combined tDCS and working memory training in healthy older adults
Sara Assecondi, Lisa Moreel, Veronica Mazza

35. Accuracy Of Spatial Representations Of Static And Dynamic Scenes In Working Memory
Olga Saveleva, Galina Menshikova, Boris Velichkovsky, Grigory Bugriy

36. Does attention to internal visual content in working memory selectively affect distractor intrusions at memory-congruent locations?
Sisi Wang, Freek van Ede

37. Investigating the temporal dynamics of top-down attention during single- versus dual-color search
Rebecca Rosa Schmid, Bence Szaszko, Ulrich Pomper, Ulrich Ansorge

38. Attentional template precision during preparation for visual search
Mikel Jimenez, Dirk Kerzel, Martin Eimer, Anna Grubert

39. Visual Search and real-world object representations in aging
Alexandria Nicole Holcomb, Chiara Francesca Tagliabue, Massimo Vescovi, Veronica Mazza

40. Prolonged Oculomotor Inhibition for increased Working Memory Load during Maintenance and Retrieval
Oren Kadosh, Yoram S Bonneh

41. Distracted on Campus? The Influence of Distractions on Outdoor Visual Search and Memory
Sarah Jasmin Nachtnebel, Alejandro Javier Cambronero-Delgadillo, Linda Helmers, Anja Ischebeck, Margit Hofler

42. Flipping the Switch in Attentional Control: Proactive Suppression and Capture Flexibly Guide Visual Attention Based on Search Goals
Marlene Forstinger, Ulrich Ansorge