

The 3rd International Symposium on Visual Physiology, Environment and Perception
(VisPEP) at Tallinn University in Tallinn, Estonia in **November 12-13 2021**

PROGRAMME (according to Eastern European Time)

Thursday November 11th workshops

- 10.00 - 11.00 **Evaluation of the tear film quality**
Pēteris Cikmačs and Karīna Beļikova, OC Vision
- 11.15 - 12.15 **State-of-the-art techniques for refraction and vision screening**
Pēteris Cikmačs and Annija Gulbe, OC VISION
- 12.15 - 13.30 Break
- 13.30 - 15.00 **Prescribing prisms based on fixation disparity (FD) and/or associated phoria (AP) measurements.**
Oskar Gawlik / Laboratory of Vision Science and Optometry, Faculty of Physics, Adam Mickiewicz University Poznan, Poland

Friday November 12th

- 10.00 - 10.15 *Opening and welcome*
Welcome by Prof. Ruth Shimmoo, Director of the School of Natural Sciences and Health
- 10.15 – 11.15 **Keynote 1: Prof. Bruce Evans** Institute of Optometry, London; and City, University of London (UK)
Myopia control: translating research into practice
- 11.15 – 11.30 Break
- 11.30 - 12.00 *Sponsor presentation* Michal Vymyslicky, Alcon Professional Affairs Manager
Dry Eyes and Systane Eye Drops
- 12.00 - 13.00 Lunch
- 13.00 - 14.30 *Oral presentations session 1*
- 13.00 - 13.20 Kristine Kalnica-Dorosenko*, Aleksandra Nikitina, Aiga Švede
Case Analysis of Amblyopia in the CCUH Eye Diseases Clinic
- 13.20 - 13.40 Zane Jansone-Langina*, Renars Truksa, Maris Ozolins, Luize Balode, Baiba Riekstina, Andrei Solomatin, Igors Solomatins
Contrast Sensitivity Changes at Different Background Brightness Levels in Patients with Cataract
- 13.40 - 14.00 Jelena Slabcova*, Anastasija Starceva, Evita Kassaliete, Aiga Svede and Gunta Krumina
The Criteria for Distance Visual Acuity Assessment in School-age Children Vision Screening
- 14.00 - 14.20 Mari Uusküla*, David Bimler

The green-blue border does not depend on the number of blues in a language: Evidence from cross-linguistic colour-naming data

14.30 – 15.00 Break

15.00 – 16.00 **Keynote 2: Prof. Tara Alvarez**, Vision and Neural Engineering Laboratory, New Jersey Institute of Technology (USA)

Significant Correlated Changes in Functional Activity of Thalamus and Peak Convergence Velocity: A Longitudinal Vision Therapy Clinical Trial called the Convergence Insufficiency Neuro-Mechanism in Adult Population Study (CINAPS)

Saturday November 13th

10:00 – 11.00 **Keynote 3: Prof. Kairi Kreegipuu**, University of Tartu (Estonia)

Visual Mismatch Negativity: A Window to the Brain?

11.00 – 11.30 Break

11.30 – 13.00 *Oral presentations session 2*

11.30 - 11.50 Valeri Murnikov

The Relationship Between Visual Perception and Word Meaning Structure: An Explorative Study

11.50 - 12.10 Alina Kucika, Aiga Švede*, Ilona Rumjanceva, Tatjana Patrova

Effect of Viewing Distance on Subjective Refraction Assessment

12.10 - 12.30 Evita Kassaliete*, Tina Rumjanceva, Laura Zitmane, Kristīne Detkova, Gunta Krumina

Do the Soft Multifocal Simultaneous Image Contact Lenses Affect Accommodative Response of Young Adults?

12.30 - 12.50 Dominik Pražák

Metrological Traceability of the Eye-Tonometers

13.00 – 14.00 Lunch

14.00 - 15.00 *Poster session*

15.00 – 16.00 **Keynote 4: Assoc. Prof. Kristjan Kask**, Tallinn University (Estonia)

Eyewitness Identification: Current State and Future Challenges

16.00 *Ending of the conference*