



November 30

- 8.30–9.00 Registration
 9.00–9.15 **Welcome**
- Rimantas Jankauskas** | Vice-rector, Vilnius University
Gintaras Valinčius | Director of Life Sciences Center, Vilnius University
Osvaldas Rukšėnas | President of LNA
Aiga Švede | University of Latvia
- 9.15–10.00 **Svenja Caspers** | Heinrich-Heine-Universität Düsseldorf, Germany
 Connectivity across the scales in the human brain
- 10.00–10.45 **Andrew Parker** | Oxford University, UK
 Seeing depth with two eyes: the binocular physiology of 3D space
- 10.45–11.00 **Coffee break**
- 11.00–11.30 **Rasa Gulbinaitė** | Centre de Recherche en Neurosciences de Lyon (CRNL), France
 Strobe light effects on the visual brain: From neurons to neural networks
- 11.30–12.00 **Ewa Kublik** | Nencki Institute of Experimental Biology, Poland
 Sensory information flow in thalamo-cortico-thalamic pathways
- 12.00–12.30 **Alicja Maria Brenk-Krakowska** | Adam Mickiewicz University, Poland
 Developmental dyslexia, reading problems and vision
- 12.30–14.00 **Lunch / Poster session**
- 14.00–14.45 **Wolf Eberhard Mehling** | UCSF Medical Center, USA
 How do you feel? Interoceptive awareness: its role in physical and mental health
- 14.45–15.15 **Christian Cajochen** | Centre for Chronobiology Psychiatric Hospital of the
 University of Basel, Switzerland
 Light on clocks, cognition and sleep in humans
- 15.15–15.45 **Sergejs Fomins** | University of Latvia and Institute of Solid State Physics,
 Visual Perception Lab, Latvia
 Colorimetry and circadian light characteristics of skylight,
 comparison of two datasets
- 15:45–16:00 **Miglė Kaminskaitė** | Lithuanian University of Health Sciences, Lithuania
 Does impulsivity predict risky alcohol use?
- 16.00–16.30 **Coffee break**
- 16.30–16.45 ANNUAL MEETING OF LNA
 16.45–17.15 **Gytis Baranauskas** | Lithuanian University of Health Sciences, Lithuania
 Adaptation acts as a powerful spatiotemporal filter of visual responses in the
 rat collicular neurons
- 17.15–17.45 **Simonas Chomentauskas** | Gluk Media, Lithuania
 Brain-computer interface in VR
- 17.45–18.00 **Vykinta Parčiauskaitė** | Vilnius University, Lithuania
 40HZ ASSR relation to cognitive performance
- 18.30–20.30 **Party**

December 1

- 9.00–9.45 **Milena Korostenskaja** | Functional Brain Mapping and Brain Computer Interface Lab, Florida Hospital, USA
Electromagnetic studies of auditory information processing: clinical application
- 9.45–10.15 **Giedrius Kalesnykas** | Experimentica Ltd., Finland
How to interpret discrepancy between function and histopathological readouts in preclinical ocular models
- 10.15–10.45 **Gatis Ikaunieks** | University of Latvia, Latvia
Influence of spectacle lenses on retinal straylight measurements
- 10.45–11.00 **Gintarė Čepanonytė** | Vilnius University, Lithuania
A motor imagery-based brain-computer interface system improves upper limb function in patients post-stroke
- 11.00–11.30 **Coffee break**
- 11.30–12.00 **Corrado Cali** | King Abdullah University of Science and Technology, Saudi Arabia
The use of Virtual Reality (VR) to investigate the Neuron-Glia metabolic coupling
- 12.00–12.30 **Karola Panke** | University of Latvia, Latvia
Changes in eye accommodation and pupil size after prolonged near work with volumetric 3D image compared to anaglyph 3D image
- 12.30–12.45 **Tatjana Pladere** | University of Latvia, Latvia
Age-related differences in visual search performance through volumetric images
- 12.45–13.00 **Polina Vinogradova** | University of Latvia, Latvia
Fixation disparity in various contrast conditions
- 13.00–14.00 **BRUNCH / Poster session**
- 14.00–14.30 **Vilma Kisnierienė** | Vilnius University, Lithuania
Sensory systems in plants
- 14.30–15.00 **Eglė Audronytė** | Vilnius University, Lithuania
Olfactory dysfunction in Alzheimer's disease: a possible biomarker for the early diagnosis
- 15.00–15.30 **Svetlana Alexeenko** | Pavlov Institute of Physiology, Russia
Dynamics of visual pathways impairments in developing amblyopia
- 15.30–16.00 **CLOSING OF CONFERENCE AND AWARDS**

