

## SUNDAY, AUGUST 23, 2026

| Oral 1-5 Hall4_A              | Chairperson: Yann Harel; Qianying Ma                                                                                                     | Cognition                                                                  |
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| <b>Oral 1</b><br>16:25-16:37  | Fluctuations in sustained attention performance relate to both periodic and aperiodic components of the MEG spectrum                     | <b>Yann Harel</b> , Université de Montréal, Canada                         |
| <b>Oral 2</b><br>16:37-16:49  | Theta-band functional gradient dynamics coordinates the formation and reactivation of melodic memory                                     | <b>Zhe Zhang</b> , Hangzhou Normal University, China                       |
| <b>Oral 3</b><br>16:49-17:01  | Event Boundaries Trigger Neural Temporal Context Reinstatement that Predicts Trial-level Temporal Order Memory                           | <b>Benhao Lu</b> , East China Normal University, China                     |
| <b>Oral 4</b><br>17:01-17:13  | Sense of Agency Enhances Object-Spatial Memory Binding: An MEG Study                                                                     | <b>Qiaoyue Ren</b> , Ecole Polytechnique Fédérale de Lausanne, Switzerland |
| <b>Oral 5</b><br>17:13-17:25  | A MEG Investigation of beta oscillations visuospatial sequence learning on the serial reaction time task                                 | <b>Qianying Ma</b> , Beijing Language and Culture University, China        |
| Oral 6-10 Hall 4_B            | Chairperson: Yuanfeng Zhou; Anto I. Bagić                                                                                                | Clinical                                                                   |
| <b>Oral 6</b><br>16:25-16:37  | Mapping Multi-frequency Absence Epilepsy Networks with both OPM-MEG and SQUID-MEG                                                        | <b>Yuanfeng Zhou</b> , Children's Hospital of Fudan University, China      |
| <b>Oral 7</b><br>16:37-16:49  | MEG in Surgical Epilepsy: Moving Forward or to the Front?                                                                                | <b>Anto I. Bagić</b> , University of Pittsburgh, United States             |
| <b>Oral 8</b><br>16:49-17:01  | MEG source localization in epilepsy: validation of dipolar methods thanks to simultaneous MEG-SEEG recordings                            | <b>Maria Fratello</b> , Aix-Marseille University, France                   |
| <b>Oral 9</b><br>17:01-17:13  | Neurophysiology-based biomarkers for psychogenic non-epileptic seizures                                                                  | <b>Vahe Poghosyan</b> , King Fahad Medical City, Saudi Arabia              |
| <b>Oral 10</b><br>17:13-17:25 | Development and Validation of a Multimodal Data- Based Scale for Predicting Epilepsy Surgery Outcomes                                    | <b>Cai Yuan</b> , Beijing Tiantan Hospital, China                          |
| Oral 11-15 Hall 4_C           | Chairperson: Gabriela Tardelli; Xiangyan Kong                                                                                            | Others                                                                     |
| <b>Oral 11</b><br>16:25-16:37 | Multi-Modal Magnetomechanical Fetal Cardiac Imaging: Simultaneous Fetal Magnetocardiography and Fetal Echocardiography                   | <b>Gabriela Tardelli</b> , University of Wisconsin-Madison, United States  |
| <b>Oral 12</b><br>16:37-16:49 | Exploring Cardiac Phase Relationships in Reading-Related Saccades During Natural Reading                                                 | <b>Xin Wang</b> , University of Birmingham, United Kingdom                 |
| <b>Oral 13</b><br>16:49-17:01 | SQUID Gradiometer Based Magnetocardiography and Clinical Application                                                                     | <b>Xiangyan Kong</b> , Ningbo University, China                            |
| <b>Oral 14</b><br>17:01-17:13 | Comparing brain responses to continuous and intermittent transcutaneous vagus nerve stimulation using magnetoencephalography             | <b>Tatiana Kameneva</b> , Swinburne University of Technology, Australia    |
| <b>Oral 15</b><br>17:13-17:25 | Diamond-based quantum sensors for magnetocardiography                                                                                    | <b>Arne Wickenbrock</b> , Johannes Gutenberg University Mainz, Germany     |
| Oral 16-20 Hall 4_D           | Chairperson: Lingxi Lu; Pan Wang                                                                                                         | OPM                                                                        |
| <b>Oral 16</b><br>16:25-16:37 |                                                                                                                                          |                                                                            |
| <b>Oral 17</b><br>16:37-16:49 | Neural processing of attended and ignored acoustic features under binaural unmasking in second-language speech perception                | <b>Lin Lin</b> , Beijing Language and Culture University, China            |
| <b>Oral 18</b><br>16:49-17:01 | Perceptual Access More Than Emotion Category Modulates Aperiodic Reward Signals: An OPM-MEG Study                                        | <b>Pan Wang</b> , Wenzhou Medical University, China                        |
| <b>Oral 19</b><br>17:01-17:13 | An Integrated OPM-MEG System for Wearable and Multichannel Applications: Validation Through Phantom and Multi-Paradigm Human Experiments | <b>Rui Yang</b> , Peking University, China                                 |
| <b>Oral 20</b><br>17:13-17:25 | An OPM-MEG Study on the Spatiotemporal Patterns and Language-Specific Neural Mechanisms of Auditory Processing of Chinese lexical tones  | <b>Yunqi Shen</b> , Macau University of Science and Technology, China      |

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| Oral 21-25 Hall4_A     |                                                                                                                                                               | Chairperson: Alexandra Razorenova; Yuening Yan                                 | Cognition |
|------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------|-----------|
| Oral 21<br>17:30-17:42 | Active rehearsal after overnight sleep strengthens emerging semantic representations of novel action words: a two-day MEG study                               | Alexandra Razorenova, LLC "LIFT Center", Russia                                |           |
| Oral 22<br>17:42-17:54 | Narrative Structure Constrains the Influence of Dynamic Emotional Boundaries on Event Sequence Processing                                                     | Yoyue Dong, Central China Normal University, China                             |           |
| Oral 23<br>17:54-18:06 | The problem is not prediction: neural mechanisms of probabilistic reinforcement learning in adolescents                                                       | Kristina Pultsina, Moscow State University of Psychology and Education, Russia |           |
| Oral 24<br>18:06-18:18 | Preparatory rule representations are actively maintained during rule switching                                                                                | Yuena Zheng, University of Cambridge, United Kingdom                           |           |
| Oral 25<br>18:18-18:30 | Task demands dynamically structure feature selection, routing, and integration in the human brain                                                             | Yuening Yan, University of Glasgow, United Kingdom                             |           |
| Oral 26-30 Hall4_B     |                                                                                                                                                               | Chairperson: Elena Finnilä; Zimo Huang                                         | Cognition |
| Oral 26<br>17:30-17:42 | The aperiodic 1/f exponent as a marker of task-dependent functional brain states in childhood                                                                 | Elena Finnilä, University of Jyväskylä, Finland                                |           |
| Oral 27<br>17:42-17:54 | OPM-MEG enhances the detection of visual gamma-band responses in schizophrenia                                                                                | Dario Gordillo, Charité-Universitätsmedizin Berlin, Germany                    |           |
| Oral 28<br>17:54-18:06 | Neurovascular Unit Impairment and Dynamic Brain Network Abnormalities in Alzheimer's Disease—Associated Subclinical Epileptiform Activity: A Multimodal Study | Yingting Wang, Beijing Tiantan Hospital, China                                 |           |
| Oral 29<br>18:06-18:18 | Altered time-resolved cortical hierarchy and synergy function in first-episode drug-naïve schizophrenia during sensory attenuation: A MEG study               | Lingling Hua, Nanjing Brain Hospital, China                                    |           |
| Oral 30<br>18:18-18:30 | Hippocampal phase-amplitude coupling encodes the distance to hidden goals                                                                                     | Zimo Huang, University College London, United Kingdom                          |           |
| Oral 31-35 Hall4_C     |                                                                                                                                                               | Chairperson: SungJun Cho; Anya Dietrich                                        | Others    |
| Oral 31<br>17:30-17:42 | MEG-GPT-2: A Generative Foundation Model for MEG with Neuroscientifically Meaningful Representations                                                          | SungJun Cho, University of Oxford, United Kingdom                              |           |
| Oral 32<br>17:42-17:54 | Novel ICA method to detect travelling waves in MEG data                                                                                                       | Yaroslav Kerechanin, HSE University, Russia                                    |           |
| Oral 33<br>17:54-18:06 | Mutual Component Analysis: extracting meaningful M/EEG components from coupled datasets                                                                       | Silvia Federica Cotroneo, Aalto University, Finland                            |           |
| Oral 34<br>18:06-18:18 | HeteroRC: Decoding latent information from dynamic neural responses with interpretable heterogeneous reservoir computing                                      | Runhao Lu, University of Cambridge, United Kingdom                             |           |
| Oral 35<br>18:18-18:30 | Multiscale Neural Fingerprints Across EEG, MEG, and fMRI                                                                                                      | Anya Dietrich, Goethe University Frankfurt, Germany                            |           |
| Oral 36-40 Hall4_D     |                                                                                                                                                               | Chairperson: Lang Qin; Yangyue Li                                              | Cognition |
| Oral 36<br>17:30-17:42 |                                                                                                                                                               |                                                                                |           |
| Oral 37<br>17:42-17:54 | Longitudinal neural tuning of predictive coding hierarchy during second language learning                                                                     | Lang Qin, Peking University, China                                             |           |
| Oral 38<br>17:54-18:06 |                                                                                                                                                               |                                                                                |           |
| Oral 39<br>18:06-18:18 | Spatiotemporal Dynamics of Language Switching in Chinese-Japanese Bilinguals: An MEG Study                                                                    | Jihyun Park, Waseda University, Japan                                          |           |
| Oral 40<br>18:18-18:30 | HDND: Hierarchical Dynamic Neural Decoding Framework Unlocks Multilingual Word/Character Retrieval from Non-Invasive Brain Recordings                         | Yueyang Li, The Hong Kong Polytechnic University, China                        |           |

## MONDAY, AUGUST 24, 2026

| Oral 41-45 Hall4_A     |  | Chairperson: Erin Mahan; Vincent Jonany                                                                                                         | OPM                                                                                 |
|------------------------|--|-------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|
| Oral 41<br>17:30-17:42 |  | Simultaneous OPM-MEG and DCS Cerebral Blood Flow Measurements of Neural-Vascular Dynamics                                                       | Erin Mahan, Karolinska Institutet, Sweden                                           |
| Oral 42<br>17:42-17:54 |  | Assessing Neurovascular Coupling Using a Combined OPM-MEG and fNIRS Imager                                                                      | Urban Marhl, Institute of Mathematics, Physics and Mechanics, Slovenia              |
| Oral 43<br>17:54-18:06 |  | Performance of Hybrid OPM- and SQUID-MEG Hyperscanning Evaluated by Verbal Communication Task                                                   | Ushijima Yuki, Hokkaido University, Japan                                           |
| Oral 44<br>18:06-18:18 |  | Inter-subject correlations in OPM-MEG during movie viewing                                                                                      | Paavo Hietala, Aalto University, Finland                                            |
| Oral 45<br>18:18-18:30 |  | Single-trial assessment of gamma-frequency brain oscillations and their modulation using transcranial alternating current stimulation (tACS)    | Vincent Jonany, Charité - Universitätsmedizin Berlin, Germany                       |
| Oral 46-50 Hall4_B     |  | Chairperson: Avi Goldstein; Xiaoqi Yang                                                                                                         | Cognition                                                                           |
| Oral 46<br>17:30-17:42 |  | MEG beta burst suppression signals semantic event boundaries during naturalistic speech                                                         | Avi Goldstein, Bar-Ilan University, Israel                                          |
| Oral 47<br>17:42-17:54 |  | MEG investigation of adjective order preferences as a syntactic constraint                                                                      | Boxuan Li, New York University, United States                                       |
| Oral 48<br>17:54-18:06 |  | Preview effects and natural reading in Chinese using Co-registration of EEG and eye-tracking                                                    | Urs Maurer, Chinese University of Hong Kong, China                                  |
| Oral 49<br>18:06-18:18 |  | A MEG-Benchmarked Preprocessing Multiverse for Decoding Naturalistic Speech from Portable EEG                                                   | Yi Li, University of Cambridge, United Kingdom                                      |
| Oral 50<br>18:18-18:30 |  | From high-energy consumption to efficient prediction: Developmental changes in neural dynamics of syllable processing                           | Xiaoqi Yang, Beijing Language and Culture University, China                         |
| Oral 51-55 Hall4_C     |  | Chairperson: Simon Griffin; Xin Zhang                                                                                                           | Clinical                                                                            |
| Oral 51<br>17:30-17:42 |  | State-dependent spectral slowing in Lewy body dementia: MEG resting-state dynamic connectivity study                                            | Simon Griffin, University of Florida, United States                                 |
| Oral 52<br>17:42-17:54 |  | Preoperative MEG risk score predicts progression risk in diffuse glioma                                                                         | Velmurugan Jayabal, University of California, United States                         |
| Oral 53<br>17:54-18:06 |  | Personalised BCI for Post-Stroke Rehabilitation: A Pilot Study on the Effects of Mental Fatigue Monitoring in Patients.                         | Girijesh Prasad, Ulster University, United Kingdom                                  |
| Oral 54<br>18:06-18:18 |  | Early regional decreases in the aperiodic exponent inform conversion of cognitively unimpaired individuals to amnesic mild cognitive impairment | Cathlin Jiaqi Han, Simon Fraser University, Canada                                  |
| Oral 55<br>18:18-18:30 |  | Hepatic and Splenic Sensitivity to Static Magnetic Fields: From Magnetoreception to Disease Intervention                                        | Xin Zhang, Hefei Institutes of Physical Science, Chinese Academy of Sciences, China |
| Oral 56-60 Hall4_D     |  | Chairperson: Tim Tierney; Hao Cheng                                                                                                             | OPM                                                                                 |
| Oral 56<br>17:30-17:42 |  | Real-World Neuroimaging: Magnetoencephalography Without a Shielded Room                                                                         | Tim Tierney, University College London, United Kingdom                              |
| Oral 57<br>17:42-17:54 |  | Markerless 3D Motion Capture for Wearable OPM-MEG                                                                                               | Robert Seymour, University of Oxford, United Kingdom                                |
| Oral 58<br>17:54-18:06 |  | Mobile, On-Scalp MEG at Low Cost using OPM Modules                                                                                              | Nicholas Alexander, University College London, United Kingdom                       |
| Oral 59<br>18:06-18:18 |  | OPM-MEG in a compact magnetic shield                                                                                                            | Mikael Grön, Aalto University, Finland                                              |
| Oral 60<br>18:18-18:30 |  | Wireless OPM-based synthetic gradiometer for unconstrained biomagnetic imaging                                                                  | Hao Cheng, Peking University, China                                                 |

## TUESDAY, AUGUST 25, 2026

| Oral 61-65 Hall4_A            |                                                                                                                                                                   |  | Chairperson: Leonardo Zeine; Jiaqi Li                | Cognition                                                                        |
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| <b>Oral 61</b><br>14:35-14:47 | Neural ramping dynamics scale with relative progress in sentences, not elapsed time                                                                               |  |                                                      | <b>Leonardo Zeine</b> , Ernst Strüngmann Institute for Neuroscience, Germany     |
| <b>Oral 62</b><br>14:47-14:59 | Isolating Language-Related Working Memory in the Prefrontal Cortex with Delayed Picture Naming and MEG                                                            |  |                                                      | <b>Mana Tanifuji</b> , Waseda University, Japan                                  |
| <b>Oral 63</b><br>14:59-15:11 | Active and passive exposure to speech sounds modifies change detection brain responses in adults, a MEG study                                                     |  |                                                      | <b>Kaijun Jiang</b> , University of Jyväskylä, Finland                           |
| <b>Oral 64</b><br>15:11-15:23 | Temporal Hierarchy and Contextual Facilitation in Mandarin Nasal Coda Processing: A Time-Resolved MEG-MVPA Study                                                  |  |                                                      | <b>Xiaoshan Ying</b> , Beijing Language and Culture University, China            |
| <b>Oral 65</b><br>15:23-15:35 | Hierarchical language processing relies on transformed reactivation of latent working memory                                                                      |  |                                                      | <b>Jiaqi Li</b> , University of Oxford, United Kingdom                           |
| Oral 66-70 Hall4_B            |                                                                                                                                                                   |  | Chairperson: Orsolya Beatrix Kolozsvári; Rongqiao He | Others                                                                           |
| <b>Oral 66</b><br>14:35-14:47 | Development of brain markers of auditory perception: comparison of brain responses recorded with MEG and simulation                                               |  |                                                      | <b>Orsolya Beatrix Kolozsvári</b> , University of Jyväskylä, Finland             |
| <b>Oral 67</b><br>14:47-14:59 | Avatar-Mediated Communication Alters Task-Related Alpha-Band Activity Compared with Face-to-Face Communication                                                    |  |                                                      | <b>Yu Han</b> , Hokkaido University, Japan                                       |
| <b>Oral 68</b><br>14:59-15:11 | Multiple pathways involve in bio-response to the hypomagnetic field                                                                                               |  |                                                      | <b>Rongqiao He</b> , Institute of Biophysics, Chinese Academy of Sciences, China |
| <b>Oral 69</b><br>15:11-15:23 | Multi-channel SQUID-MEG of cortical population spikes                                                                                                             |  |                                                      | <b>Jim Barnes</b> , Physikalisch-Technische Bundesanstalt, Germany               |
| <b>Oral 70</b><br>15:23-15:35 | Magnetometer Characterization as Foundation for Non-Cryogenic Biomagnetic Sensing 上                                                                               |  |                                                      | <b>Eric Elzenheimer</b> , Kiel University, Germany                               |
| Oral 71-75 Hall4_C            |                                                                                                                                                                   |  | Chairperson: Svenja Knappe; Yuming Peng              | OPM                                                                              |
| <b>Oral 71</b><br>14:35-14:47 |                                                                                                                                                                   |  |                                                      |                                                                                  |
| <b>Oral 72</b><br>14:47-14:59 | Assessing Motion Tolerance in HEDscan OPMs Without Panel Coils: A Multisite Study                                                                                 |  |                                                      | <b>Svenja Knappe</b> , University of Colorado, United States                     |
| <b>Oral 73</b><br>14:59-15:11 | External coil-based co-registration and validation for flexible-helmet OPM-MEG                                                                                    |  |                                                      | <b>Vishal Shah</b> , QuSpin, United States                                       |
| <b>Oral 74</b><br>15:11-15:23 | Task-Specific Gamma-Band Alterations in Laryngeal dystonia: An OPM-MEG Study                                                                                      |  |                                                      | <b>Jiahao Li</b> , West China Hospital of Sichuan University, China              |
| <b>Oral 75</b><br>15:23-15:35 | Initial System-Level Validation of a 312-Channel Dual-Axis OPM-MEG System for High-Density Whole-Head Neuroimaging                                                |  |                                                      | <b>Yuming Peng</b> , Beihang University, China                                   |
| Oral 76-80 Hall4_D            |                                                                                                                                                                   |  | Chairperson: Chetan Gohil; Moxuan Song               | Clinical                                                                         |
| <b>Oral 76</b><br>14:35-14:47 | Magnetoencephalography captures oscillatory dynamics in deep brain regions                                                                                        |  |                                                      | <b>Chetan Gohil</b> , University College London, United Kingdom                  |
| <b>Oral 77</b><br>14:47-14:59 | Multimodal EEG-MEG and Stress-Response Signatures of Sleep Reactivity and Insomnia Vulnerability                                                                  |  |                                                      | <b>Sifan Hu</b> , Peking University Sixth Hospital, China                        |
| <b>Oral 78</b><br>14:59-15:11 | Reduced prefrontal gamma power mediate the relationship between evening chronotype and anhedonia in major depressive disorder                                     |  |                                                      | <b>Ruiyao Wu</b> , Nanjing Brain Hospital, China                                 |
| <b>Oral 79</b><br>15:11-15:23 | Functional Connectivity Characteristics of the Frontoparietal Control Network in Major Depressive Disorder Patients with Insomnia: A Magnetoencephalography Study |  |                                                      | <b>Yingying Huang</b> , Nanjing Brain Hospital, China                            |
| <b>Oral 80</b><br>15:23-15:35 | Dynamic Brain Network Spectral Signatures for Early Identification of Bipolar Disorder During Depressive Episodes: A MEG Study Using DyNeMo                       |  |                                                      | <b>Moxuan Song</b> , Nanjing Brain Hospital, China                               |

## TUESDAY, AUGUST 25, 2026

| Oral 81-85 Hall4_A      |                                                                                                                                                       | Chairperson: Georgios Michalareas; Junru Chen | Cognition                                                                               |
|-------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------|-----------------------------------------------------------------------------------------|
| Oral 81<br>16:10-16:22  | Anticipatory Sensorimotor Synchronization Across Limbs                                                                                                |                                               | Georgios Michalareas, Goethe University Frankfurt, Germany                              |
| Oral 82<br>16:22-16:34  | MEG reveals visual suppression during attention shifts                                                                                                |                                               | Zixiao Zhang, Institute of Biophysics, Chinese Academy of Sciences, China               |
| Oral 83<br>16:34-16:46  | Stronger patellar tendon tap intensifies cortical processing of the respective proprioceptive afference                                               |                                               | Feiyue Li, University of Jyväskylä, Finland                                             |
| Oral 84<br>16:46-16:58  | Neural Correlates of Implicit Cross-Modal Cognitive Processing                                                                                        |                                               | Yangjiayi Mu, Fudan University, China                                                   |
| Oral 85<br>16:58-17:10  | Volitional muscle activation intensifies cortical processing of proprioceptive afference from the hand                                                |                                               | Junru Chen, University of Jyväskylä, Finland                                            |
| Oral 86-90 Hall4_B      |                                                                                                                                                       | Chairperson: Tara Ghafari; Shun Guo           | OPM                                                                                     |
| Oral 86<br>16:10-16:22  | OPM-FLUX: A Pipeline for OPM-MEG Data Analysis                                                                                                        |                                               | Tara Ghafari, University of Oxford, United Kingdom                                      |
| Oral 87<br>16:22-16:34  | Can Triaxial OPM-MEG Replace SQUID-MEG? A Source Localization Comparison                                                                              |                                               | Laura Gee, Université Côte d'Azur, France                                               |
| Oral 88<br>16:34-16:46  | Optimizing HPI Coil Placement for Small Number of OPM-MEG Sensors                                                                                     |                                               | Hayato Watanabe, National Institute of Information and Communications Technology, Japan |
| Oral 89<br>16:46-16:58  | Noise reduction in OPM-MEG using an optimized gradiometric sensor configuration                                                                       |                                               | Shun Guo, Institute of Biophysics, Chinese Academy of Sciences, China                   |
| Oral 90<br>16:58-17:10  | Optimisation of the <sup>4</sup> He OPM-MEG data acquisition procedure                                                                                |                                               | Lydia Stoutah, Institut de Neurosciences des Systèmes, France                           |
| Oral 91-95 Hall4_C      |                                                                                                                                                       | Chairperson: Jan Schalla; Chenxi Sun          | Others                                                                                  |
| Oral 91<br>16:10-16:22  | Validating laminar inference using high-precision MEG                                                                                                 |                                               | Jan Schalla, Heinrich-Heine University Duesseldorf, Germany                             |
| Oral 92<br>16:22-16:34  | How wealth sources shape redistribution: Dynamic modulation of prosocial motives and their neural representations                                     |                                               | Jiaqi Wang, East China Normal University, China                                         |
| Oral 93<br>16:34-16:46  | Connectivity Informed Standardized Kalman Filtering for Spatio-Temporal EEG/MEG Source Localization                                                   |                                               | Dilshanie Prasikala Wannu Achchi Kankanamge, Tampere University, Finland                |
| Oral 94<br>16:46-16:58  | Fidelity of non-cerebral source localization in MEG depends on the strength and topography of simultaneous cerebral activation: a simulation study    |                                               | Line Kruse, Aarhus University, Denmark                                                  |
| Oral 95<br>16:58-17:10  | Geometry-Aware Source Localization in Unshielded Scalar Magnetoencephalography                                                                        |                                               | Chenxi Sun, Peking University, China                                                    |
| Oral 96-100 Hall4_D     |                                                                                                                                                       | Chairperson: Bobrov Pavel; Tai Sun            | Clinical                                                                                |
| Oral 96<br>16:10-16:22  | MEG Study of Neurophysiological Correlates of Individual Stages of Graded Motor Imagery in Healthy Individuals and Individuals with Phantom Limb Pain |                                               | Bobrov Pavel, HSE University, Russia                                                    |
| Oral 97<br>16:22-16:34  | Synthesis of non-invasive neural signals to enhance motor brain-computer interface datasets with generative network model.                            |                                               | Hong June Kim, Konkuk University, South Korea                                           |
| Oral 98<br>16:34-16:46  | Monitoring Sensorimotor Plasticity During VR Mirror Training in Congenital Hand Amelia Using MEG: Case Report                                         |                                               | Sazonov Oleg, HSE University, Russia                                                    |
| Oral 99<br>16:46-16:58  | Somatosensory timing and cerebellar-basal ganglia beta-band interactions in Parkinson's disease                                                       |                                               | Lau Møller Andersen, Aarhus University, Denmark                                         |
| Oral 100<br>16:58-17:10 | Reliable Motor Mapping With OPM-MEG for Preserving Motor Function in Brain Tumor Surgery                                                              |                                               | Tai Sun, Beijing Tiantan Hospital, China                                                |