

INS INTERIM MEETING

ALMATY

KAZAKHSTAN

OCTOBER 2-4, 2025

Almaty, Kazakhstan

 **VENUE** Rixos Hotel
Almaty Convention Center

NEW AREAS OF NEUROMODULATION

www.ins-im2025.org

Thursday, 2 October 2025

09.00 -17.20 TRAINING WORKSHOPS

Hospital

09.00-11.00 Neuromodulation of Pain
K. Goryacheva, Russia & Preeti Doshi, India

11.00-11.30 Coffee Break

11.30-13.00 DEEP BRAIN STIMULATION

Programming

Jens Volkman, Germany

Targeting

Atilla Yılmaz, Türkiye

Neuroimaging Analysis

Bassam Al-Fatly, Germany

Ningfei Li, Germany

DBS Troubleshooting

G. Oyama, Japan

13.00-14.00 Lunch

14.00-15.30 DEEP BRAIN STIMULATION

Programming

Jens Volkmann, Germany

Targeting

Atilla Yılmaz, Türkiye

Neuroimaging Analysis

Bassam Al-Fatly, Germany

Ningfei Li, Germany

DBS Troubleshooting

G. Oyama, Japan

15.30-15.50 Coffee Break

15.50-17.20 PERCUTANEOUS ELECTRICAL NERVE STIMULATION (PENS) THERAPY

Arun Bhaskar, UK

Friday, 3 October 2025

09.00 09.20 OPENING CEREMONY — WELCOME ADDRESS

Chairmen: Chingiz Shahskin, Kazakhstan - Konstantin Slavin, USA

09.20 09.40 Parkinson's Disease: Pathogenesis, Biomarkers,
and Emerging Intervention
Almaz Sharman, MD, PhD
President, Academy of Preventive Medicine of Kazakhstan

09.40 10.10 Next Generation in Neuromodulation *Konstantin Slavin, USA*

10.10-10.40 Selected Advances in Functional Neurosurgery *Andres Lozano, Canada*

10.40-11.00 COFFEE BREAK / Poster Exhibition Hall

11.00-12.40 ARTIFICIAL INTELLIGENCE AND ADAPTIVE STRATEGIES IN DBS

Chairmen: Andres Lozano, Canada - Joachim Krauss, Germany

11.00-11.20 Artificial Intelligence in Neuromodulation *Robert Levy, USA*

11.20-11.40 Current Status of Adaptive DBS in Clinical Practice *Patricia Limousin, UK*

11.40-12.00 Digital Approaches for Optimizing DBS in Space and Time *Jens Volkmann, Germany*

12.00-12.20 Surgical Treatment of Dystonia: State of the Art and New Developments *Joachim Krauss, Germany*

12.20-12.40 Novel Ways of Deep Brain Stimulation Programming *Paresh Doshi, India*

12.40-13.30 LUNCH

Friday, 3 October 2025

13.30-15.30 ADVANCING NEUROMODULATION FOR PAIN *Chairmen: Robert Levy, USA - Emil Isagulyan, Russia*

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| 13.30-13.50 | Targeted Drug Delivery, Past, Present, and Future | <i>Lawrance Poree, USA</i> |
| 13.50-14.10 | Objective Long-term Data of Mobility Levels in SCS-treated Patients With Persistent Pain After Spine Surgery | <i>Kliment Gatzinsky, Sweden</i> |
| 14.10-14.30 | Closed Loop Neuromodulation for Pain-Personal Experience | <i>Marc Russo, Australia</i> |
| 14.30-14.50 | Role of Non-Invasive and Minimally Invasive Peripheral Neuromodulation | <i>Arun Bhaskar, UK</i> |
| 14.50-15.10 | Barriers to Invasive Neuromodulation for Pain in India: Developing World Perspective | <i>Preeti Doshi, India</i> |
| 15.10-15.30 | Neuromodulation in Russia: Yesterday, Today, and Tomorrow | <i>Emil Isagulyan, Russia</i> |

15.30-16.00 COFFEE BREAK / Poster Exhibition Hall

16.00-17.20 FROM NEUROMODULATION TO BCI *Chairmen: Konstantin Slavin, USA / Guang Zhao, China*

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| 16:00-16.20 | From Neuromodulation to BCI | <i>Guang Zhao, China</i> |
| 16.20-16.40 | Clinical Progress in the Treatment of Epilepsy Using Closed-Loop Neuromodulation technology | <i>Tao Yu, China</i> |

Friday, 3 October 2025

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| 16.40-17.00 | Clinical Progress on the Use of
Neuromodulation Devices for ASL, Decoding
and Control of External Devices | <i>Shan Yongzhi, China</i> |
| 17.00-17.20 | Epidural electrical stimulation for the
Recovery of Lower Limb Motor Function
After Paraplegia | <i>Junmin Zhu, China</i> |

Saturday, 4 October 2025

09:00-10:20 EXPANDED APPLICATIONS OF DBS AND FUNCTIONAL NEUROSURGERY

Chairmen: Kliment Gatzinsky, Sweden - Tao Yu, China

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| 09.00-09.20 | Deep Brain Stimulation in Disorders of Consciousness Hypothesis and Evidence | <i>Darko Chudy, Croatia</i> |
| 09.20-09.40 | Intraoperative Interrogation of the Single Cell Mechanism of Subthalamic Deep Brain Stimulation | <i>Leon Amadeus Steiner, Germany</i> |
| 09.40-10.00 | Opportunities of Modern Stereotactic Neurosurgery in a Hybrid Operating Room Environment | <i>Albert Sufianov, Russia</i> |
| 10.00-10.20 | Complications and Risk Management in Neuromodulation | <i>Chingiz Shashkin, Kazakhstan</i> |

10.20-10:50 COFFEE BREAK / Poster Exhibition Hall

10.50-12.30 CONNECTOMIC TARGETING AND NETWORK-BASED DBS STRATEGIES

Chairmen: Atilla Yilmaz, Türkiye - Jens Volkmann, Germany

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| 10.50-11.10 | Mapping DBS Therapeutic Networks | <i>Bassam Al-Fatly, Germany</i> |
| 11.10-11.30 | Neuroimaging Analysis in Deep Brain Stimulation | <i>Ningfei Li, Germany</i> |
| 11.30-11.50 | How to Improve Accuracy of DBS | <i>Atilla Yilmaz, Türkiye</i> |
| 11.50-12.10 | The Neuromodulation for Epilepsy | <i>Guoming Luan, China</i> |
| 12.10-12.30 | Stereotactic Radiofrequency Lesioning for Tourette Syndrome | <i>Konstantin Kostyuk, Ukraine</i> |

12.30 -13.30 LUNCH

Saturday, 4 October 2025

13.30-15.20 FROM DECODING BRAIN SIGNALS TO SURGICAL STRATEGIES

Chairmen: Konstantin Slavin, USA - Marc Russo, Australia

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| 13.30-13.50 | Educational Accreditation in Neuromodulation | <i>V. Mehta & K Poply, UK</i> |
| 13.50-14.10 | Machine Learning-Based Symptom Decoding from Invasive Brain Recordings | <i>Timon Merk, USA</i> |
| 14.10-14.30 | How to Navigate in Propofol Polluted Waters – Real World Intraoperative Electrophysiology in DBS | <i>Galymzhan Issabekov, Germany</i> |
| 14.30-14.50 | MEG: a Non-Invasive Neuroimaging Technique for Neuromodulation | <i>Yoshihito Shigihara, Japan</i> |
| 14.50-15.10 | Forel's Field Deep Brain Stimulation for Movement Disorders and Beyond | <i>Shiro Horisawa, Japan</i> |
| 15.10-15.30 | Endoscopically Guided Stereotactic Thalamotomy of the Anterior Thalamic Nuclei in the Surgical Treatment of Epilepsy | <i>Rinat Sufianov, Russia</i> |

15.30-16.00 COFFEE BREAK / Poster Exhibition Hall

Saturday, 4 October 2025

16.00-17.30 FOCUSED LESIONING & TARGETED NEUROMODULATION *Chairmen: Chingiz Shashkin, Kazakhstan - Albert Sufianov, Russia*

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| 16:00-16.15 | Study of Impulse Control Disorders in PD Patients with DBS STN: Tracts Density Distribution and LFPs | <i>Anna Buniak, Belorussia</i> |
| 16.15-16.30 | Long-term Results Radio Frequency Ablation of Morton's Neuroma | <i>Vitali Bayarchyk, Belorussia</i> |
| 16.30-16.45 | New Approach for Thalamotomy | <i>D. Bagautdinov, Kazakhstan</i> |
| 16.45-17.00 | Possibilities of Neurostimulation in Multiples Post-infectious Mononeuropathies | <i>K. Goryacheva, Russia</i> |
| 17.00-17.15 | Clinical Experience in the Management of Movement Disorders at the Presidential Hospital, Astana | <i>Talgat Yermekov, Kazakhstan</i> |
| 17.15-17.30 | VNS: Anti-Inflammatory Action in Epilepsy | <i>V. Abzalova, Kazakhstan</i> |

17.30 CLOSING CEREMONY

CONTACT

ORGANIZATION SECRETARIAT



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