


# INS INTERIM MEETING

ALMATY

KAZAKHSTAN

OCTOBER 2-4, 2025

 **VENUE** National Academy of Sciences  
of Kazakhstan under the President of  
the Republic of Kazakhstan

Almaty, Kazakhstan

NEW AREAS OF NEUROMODULATION

Mini Program Book

[www.ins-im2025.org](http://www.ins-im2025.org)



## Supporting Organizations



Ministry of Health of  
the Republic of Kazakhstan



ALMATY  
TOURISM  
BUREAU





## Thursday, 2 October 2025

### 09.00 -18.00 TRAINING WORKSHOPS

**Venue:** Keruen Medicus Medical Center



### 09.00-15.00 NEUROMODULATION OF PAIN

09.00 - 10.00 Introduction, Indications,  
Patient Selections

*Preeti Doshi, India*



### 10.00-10.30 COFFEE BREAK

10.30 - 13.00 Pain Modulation Practice

*Ksenia Goryacheva, Russia*  
*Nikita Malyshev, Russia*

### 13.00-14.00 LUNCH

14.00 - 15.00 Spinal Cord Stimulation  
Programming

*Ksenia Goryacheva, Russia*  
*Nikita Malyshev, Russia*



## Thursday, 2 October 2025

### 09.00-18.00 DEEP BRAIN STIMULATION

09.00-10.45 DBS Target Planning

*Atilla Yılmaz, Türkiye*



### 10.45-11.00 COFFEE BREAK

11.00-13.30 Neuroimaging Analysis

*Bassam Al-Fatly, Germany  
Ningfei Li, Germany*

### 13.30-14.15 LUNCH

14.15-18.00 DBS Programming

*Jens Volkmann, Germany  
Genko Oyama, Japan*



### 16.15-16.30 COFFEE BREAK

### 14.00-18.00 PERCUTANEOUS ELECTRICAL NERVE STIMULATION (PENS) THERAPY

14.00-14.30 Introduction, Indications,  
Patient Selection

*Arun Bhaskar, UK*




### 16.15-16.30 COFFEE BREAK

14.30-18.00 Introduction, Indications,  
Patient Selection

*Arun Bhaskar, UK*



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**Friday, 3 October 2025**

### 13.30-15.30 ADVANCING NEUROMODULATION FOR PAIN

**Chairmen: Robert Levy, USA - Emil Isagulyan, Russia**

- |             |  |                                  |
|-------------|--|----------------------------------|
| 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



## Friday, 3 October 2025

### 16.00-17.40 FROM NEUROMODULATION TO BCI

*Chairmen: Konstantin Slavin, USA - Tao Yu, China*



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|-------------|--|-----------------------------|
| 16.00-16.20 | From Neuromodulation to BCI: Xuanwu Experience   | <i>Tao Yu, China</i>        |
| 16.20-16.40 | From Neuromodulation to BCI: Huashan Experience  | <i>Xin Zhang, China</i>     |
| 16.40-17.00 | Exploring the Parahippocampus as a Novel Target for Responsive Neurostimulation in Mesial Temporal Lobe Epilepsy | <i>Shiwei Song, China</i>   |
| 17.00-17.20 | Comparison of Different Neuromodulative Techniques in the Treatment of Drug Resistant Epilepsy                   | <i>Sait Öztürk, Türkiye</i> |
| 17.20-17.40 | Epidural Electrical Stimulation for the Recovery of Lower Limb Motor Function After Paraplegia                   | <i>Junming Zhu, China</i>   |



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## Friday, 3 October 2025

### 17:20-17:50 ORAL PRESENTATIONS

*Chairmen: Atilla Yılmaz, Türkiye - Kavita Poply, UK*

#### OP-01 / OP-05

- 17.20-17.26 **OP-01:** Peripheral Nerve Stimulation Enhances Functional Outcomes in Post-Traumatic Sciatic Neuropathy: A Preliminary result of RCT  
Viktor Kondratyev, Andrey Dekopov, Emil Isagulyan, Alexey Tomskiy
- 17.26-17.32 **OP-02:** Withdrawn
- 17.32-17.38 **OP-03:** Waveform Manipulation During Posterior Tibial Neuromodulation for Overactive Bladder and Bladder Pain Syndrome: A Preliminary Study and Proposed Randomized Trial  
Stephen Safford Wolfson
- 17.38-17.44 **OP-04:** Withdrawn
- 17.44-17.50 **OP-05:** Patient reported outcomes of the use of Non-invasive Peripheral Neurostimulation for various chronic pain states– case series of more than 10000 patients: an argument for developing a neuromodulation pathway from primary care to specialised services  
Arun Kumar Bhaskar, Helen Walsh, Dominic Hegarty





## Saturday, 4 October 2025

### 07.30-08.40 POSTER PRESENTATIONS

*Chairmen: Atilla Yılmaz, Türkiye - Kavita Poply, UK*

**PP-01 / PP-014**

- 07.30-07.35 **PP-01:** Intolerance to intrathecal baclofen - rare case and troubleshooting  
*Rui Reinas, Margarida Rodrigues, Fátima Gandarez, Vera Ermida*
- 07.35-07.40 **PP-02:** Cervical Dorsal Root Ganglion Stimulation for Complex Regional Pain Syndrome: Technical Description and Results of Five Cases. Concepción, Chile  
*Germán Carlos Acuña Gamé, Eugenio Adrian Sanhueza Herreros, Francisco Bolbaran Anabalón, Paula Mackarena Retamal Vera, Fabian Cesar Piedimonte, Pablo Balmaceda, Jose Leonardo Ibarra Diaz*
- 07.40-07.45 **PP-03:** Study of impulse control disorders in PD patients with DBS STN: tracts density distribution and brain local field potentials  
*Anna Buniak, Vitali Bayarchyk, Alena Mikitchuk*
- 07.45-07.50 **PP-04:** Long-term results radiofrequency ablation Morton's neuroma  
*Vitali Bayarchyk, Ryszard Sidorovich*
- 07.50-07.55 **PP-05:** Successful Sacral Neuromodulation in Patients with Chronic Complete Spinal Cord Injury: Is there hope?  
*Nader A Aldossary*
- 07.55-08.00 **PP-06:** Chronic 40 Hz Light Flicker Induces Cortical LTP-Like Plasticity and Gamma Oscillations Replay  
*Tao Feng, Minmin Wang, Shaomin Zhang*
- 08.00-08.05 **PP-07:** Sacral neuromodulation for fecal incontinence of different etiology: a retrospective single-center study in China  
*Peirui Wu, Li Lu*



## Saturday, 4 October 2025

- 08.05-08.10 **PP-08:** Comparison of EEG Complexity Analysis Methods: Challenges, Advances, and Applications in Neuromodulation  
Stephen Wolfson
- 08.10-08.15 **PP-09:** The effect of bilateral non-invasive vagus nerve stimulation on stress in healthy adults  
Dovilė Karčiauskaitė, Neringa Burokiene, Jone Pukenaitė
- 08.15-08.20 **PP-10:** Innovative use of Neuromodulation for Respiratory Recovery after a High Cervical Cord Injury  
Manish Baldia, Kapil Zirpe
- 08.20-08.25 **PP-11:** Management of persistent trigeminal pain following treatment with gamma Knife with trigeminal field stimulation with percutaneous electrical nerve stimulation (PENS) therapy – a case series  
Arun Kumar Bhaskar, Liuda Brogiene, Alfredas Vaitkus
- 08.25-08.30 **PP-12:** Shared Decision-Making in Spinal Cord Stimulator Device Choice  
Valentina Pauly, Adam Williams, Nicola Wade, Janet Clark
- 08.30-08.35 **PP-13:** Differential Effects of Low-Frequency TMS in Autism Spectrum Disorder and Specific Language Impairment  
Amir Baikatov, Almira Kustubayeva, Dauren Zhumakhanov
- 08.35-08.40 **PP-14:** Clinical case of chronic neurostimulation in a patient with diabetic polyneuropathy and trophic ulcers  
Анастасия Колесникова, Ksenia Goryacheva, Марина Горячева, Vladimir Popov



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**Saturday, 4 October 2025**

**09:00-10:20 EXPANDED APPLICATIONS of DBS and FUNCTIONAL NEUROSURGERY**

**Chairmen: Kliment Gatzinsky, Sweden - Tao Yu, China**

09.00-09.20	Deep Brain Stimulation in Disorders of Consciousness Hypothesis and Evidence	<i>Darko Chudy, Croatia</i>
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09.20-09.40 Intraoperative Interrogation of the Single Cell Mechanism of Subthalamic Deep Brain Stimulation *Leon Amadeus Steiner, Germany*

09.40-10.00	Opportunities of Modern Stereotactic Neurosurgery in a Hybrid Operating Room Environment	Albert Sufianov, Russia
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10.00-10.20	Complications and Risk Management in Neuromodulation	Chingiz Shashkin, Kazakhstan
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10.20-10:50 COFFEE BREAK

### 10.50-12.30 CONNECTOMIC TARGETING and NETWORK-BASED DBS STRATEGIES

**Chairmen: Atilla Yılmaz, Türkiye - Jens Volkmann, Germany**

10.50-11.10 Mapping DBS Therapeutic Networks *Bassam Al-Fatly, Germany*11.10-11.30 Neuroimaging Analysis in Deep Brain Stimulation *Ningfei Li, Germany*

11.30-11.50	How to Improve Accuracy of DBS	Atilla Yılmaz, Türkiye
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11.50-12.10	The Neuromodulation for Epilepsy	Guoming Luan, China
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12.10-12.30	Stereotactic Radiofrequency Lesioning for Tourette Syndrome	Konstantin Kostyuk, Ukraine
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12.30 -13.30 LUNCH



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**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>Vivek Mehta, UK &amp; Kavita 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



## Saturday, 4 October 2025

### 16.00-17.00 FOCUSED LESIONING and TARGETED NEUROMODULATION

*Chairmen: Chingiz Shashkin, Kazakhstan - Albert Sufianov, Russia*

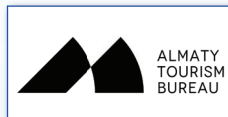
- |             |  |  |
|-------------|--|--|
| 16:00-16:15 | Study of Impulse Control Disorders in PD Patients with DBS STN: Tracts Density Distribution and LFPs | <i>Anna Buniak, Belorussia</i>         |
| 16:15-16:30 | Long-term Results Radio Frequency Ablation of Morton's Neuroma                                       | <i>Vitali Bayarchyk, Belorussian</i>   |
| 16:30-16:45 | New Approach for Thalamotomy   | <i>Daniyar Bagautdinov, Kazakhstan</i> |
| 16:45-17:00 | Possibilities of Neurostimulation in Multiples Post-Infectious Mononeuropathies                      | <i>Ksenia 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>Veronika Abzalova, Kazakhstan</i>   |

### 17.30 CLOSING CEREMONY



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## CONTACT



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## ORGANIZATION SECRETARIAT



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