

## Friday, June 7, 2024

08:45-09:00 Opening and welcome words (organizers)

**Presentation each 25 min. duration and 5 min. for discussion!**

09:00-09:30 "From DBS imaging to DBS imagining" - Marwan Hariz

09:30-10:00 Pathophysiology of motor and non-motor symptoms of Parkinson's disease - Abdelhamid Benazzouz

10:00-10:30 Sleep and Sedation in the basal ganglia-thalamic networks and in the DBS theater - Hagai Bergman

10:30-11:00 Advances in Functional Neurosurgery - Andres M. Lozano

### **11:00 -11:30 Coffe break**

11:30-12:00 Gender differences and diversity in Parkinson's disease - Elena Moro

12:00-12:30 DBS for Parkinson's disease: past, present, and future - Patricia Limousin

12:30-13:00 LFP guided and closed loop DBS - where are we now - Maria Fiorella Contarino

### **13:00-14:00 Lunch**

14:00-14:30 Neuromodulation for epilepsy - John Rolston

14:30-15:00 7 Tesla MRI in STN DBS for PD patients - Pepjin van den Munckhof

15:00-15:30 DBS in patients with disorder of consciousness - Darko Chudy

### **15:30-16:00 Coffee break**

### **16:00-17:00 Flash presentations**

Each presentation 8 min. duration 2 min. discussions. ( 10 presentations)

Deep Brain Stimulation in Parkinson's Disease and Dystonia: A Pioneering Case Study in Serbia - Ivan Bogdanović, Aleksandar Miljković, Filip Milosavljević, Rosanda Ilić, Igor Lazić, Marija Rakonjac, Marko Đenić

Baclofen pump – our experiance and review of literature - Dominik Romić, Domagoj Dlaka, Anđelo Kaštelančić, Marina Raguž, Petar Marčinković, Vjekoslav Jeleč, Damir Tomac, Tonko Marinović, Darko Chudy

Non-motor symptoms before and 3 months after deep brain stimulation (DBS) and levodopa/carbidopa intestinal gel (LCIG) infusion in patients with an advanced form of Parkinson's disease - Eliša Papić, Valentino Rački, Vladimira Vuletić

Trigeminal nerve morphometrics: exploring deformities and their impact on trigeminal neuralgia pathophysiology - Filipe W. Fernandes

A role of psychologist in DBS team-case report - Ines Torić, Adrijana Klarić

Robotics in stereotactic neurosurgery – RONNA robotic system - Domagoj Dlaka, Marko Švaco, Marina Raguž, Dominik Romić, Tonko Marinović, Bojan Šekoranja, Filip Šuligoj, Josip Vidaković, Bojan Jerbić, Darko Chudy

Genetic testing of dystonia before deep brain stimulation: a case report - Gloria Rožmarić, Mario Hero, Valentino Rački, Eliša Papić, Vladimira Vuletić

DBS in pediatric dystonia - Jakob Nemir, Nataša Nenadić-Baranašić, Fran Borovečki, Niko Njirić, Ivan Lehman

Long-term follow-up of a patient with multimodal management of Parkinson's disease: a case report - Mario Hero, Valentino Rački, Gloria Rožmarić, Eliša Papić, Darko Chudy, Vladimira Vuletić

## Saturday, June 8, 2024

### Presentation each 25 min. duration and 5 min. for discussion!

09:00-09:30 DBS for dystonia: the pallidum and beyond - Joachim Krauss

09:30-10:00 Indication and outcomes of DBS in dystonia, tremor and for other neurological diseases - Maja Trost

10:00-10:30 Role of genetics for patient selection in DBS for dystonia - Matej Skorvanek

10:30-11:00 DBS for Tourette syndrome: from refractory to responder - Joohi Jimenez-Shahed

### 11:00-11:10 Coffee break

11:10-11:40 Comparison of new technologies in Parkinson's disease - Norbert Kovacs

11:40-12:10 ADL, Quality of life, and gender issues in DBS studies - Gun Marie Hariz

12:10-12:40 Genetics and parkinsonisms - John Hardy

12:40-13:10 Troubleshooting and failed DBS- how to solve? - Dejan Georgiev

13:10-13:40 Functional symptoms in Parkinson's disease patients after Deep brain stimulation - Vladimira Vuletic

13:40-15:10 Flash presentation

*Each presentation 8 min. duration 2 min. discussions. ( 10 presentations)*

Charting New Territories: Launching Stereotactic Brain Biopsy in Serbia - Aleksandar Miljković, Ivan Bogdanović, Filip Milosavljević, Rosanda Ilić, Igor Lazić, Marija Rakonjac, Marko Đenić

Utilizing neuroanatomical markers to improve stimulation parameters in childhood dystonia: a case report - Valentino Rački

A nursing perspective for patient with PKAN dystonia treated with DBS: a case report - Romana Andrić Brnić, Darko Chudy, Vladimira Vuletić

MRI qualitative and quantitative analysis in patients with disorders of consciousness - Petar Marčinković, Marina Raguž, Valentina Galkowski, Nataša Katavić, Tonko Marinović, Darko Chudy

Anesthesia management in patients with neurostimulators - Petar Martinović

Health care of patients with Parkinsons Disease - Matea Zajec, Diana Relić

Deep Brain stimulation and structural brain MRI changes in PD – preliminary study - Marin Lakić, Petar Marčinković, Marina Raguž, Darko Orešković, Anđelo Kaštelančić, Hana Chudy, Valentina Galkowski, Nataša Katavić, Tonko Marinović, Darko Chudy

Functional movement disorder in a Parkinson's disease patient after DBS implantation : a case report - Eliša Papić

Spontaneous occurrence of ICH after PD DBS - Hana Chudy, Marina Raguž, Petar Marčinković, Valentina Galkowski, Martina Šturlić, Tonko Marinović, Darko Chudy

Decreased brain volume may be associated with the occurrence of peri-lead edema in PD patients with DBS Marina Raguž, Petar Marčinković, Hana Chudy, Darko Orešković, Marin Lakić, Domagoj Dlaka, Nataša Katavić, Valentino Rački, Vladimira Vuletić, Tonko Marinović, Darko Chudy

15:10 Lunch

## Sunday, June 9, 2024

9:00-12:00 Young researchers' e-posters