



WSSFN Interim Meeting

Educational Program Proposal

DAY 1 16th November 2023

STEREOTACTIC PRINCIPLES

TIME	TOPIC	SPEAKER
09:00 - 09:15	President and Education Committee Welcome Address	Slavin/ Krauss/Moji/ Alotaibi
09:15 - 09:40	Landmarks in the History of Stereotactic and Functional Surgery	Patric Blomstedt
09:40 - 10:05	Basal Ganglia and Thalamic Anatomy	Hagai Bergman
10:05 - 10:30	Stereotactic Atlases and Frames	Michael Schulder
10:30 - 11:00	Coffee break	
11:00 - 11:25	Stereotactic Planning Principles: Indirect Targeting	Terry Coyne
11:25 - 11:50	Image Guided Direct Targeting and Postoperative Imaging	Sameer Sheth
11:50 - 12:15	Microelectrode Recording Technique and Technology	Zvi Israel
12:15 - 12:30	Panel Discussion	Faculty
12:30 - 13:30	Lunch Break	Satellite Symposium



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LESIONING AND DEEP BRAIN STIMULATION TECHNIQUES

TIME	TOPIC	SPEAKER
13:30 - 13:55	Lesioning Techniques for movement disorders	P.R. Schuurman
13:55 - 14:20	Deep Brain Stimulation Hardware and Implantation Practical Guide	Paresh Doshi
14:20 - 14:45	Deep Brain Stimulation Programming	Fiorella Contarino
14:45 - 15:10	Deep Brain Stimulation Complications	Francisco Ponce
15:10 - 15:30	Coffee break	

SURGICAL PATIENT SELECTION AND OUTCOME

TIME	TOPIC	SPEAKER
15:30 - 15:55	Thalamotomy and Pallidotomy for Movement Disorders	Takaomi Taira
15:55 - 16:20	Deep Brain Stimulation for Parkinson's Disease	Terry Coyne
16:20 - 16:45	Deep Brain Stimulation for Dystonia	Joachim Krauss
16:45 - 17:10	Deep Brain Stimulation for Tremor and Other Movement Disorders	Jin Woo Chang
17:10-17:30	Panel Discussion	Faculty



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DAY 2

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SURGICAL TREATMENT OF PAIN

TIME	TOPIC	SPEAKER
08:00 - 08:25	Microvascular Decompression: Principles and Pitfalls	Christopher Honey
08:25 - 08:50	Percutaneous Rhizotomy Procedures (Radiofrequency, Balloon & Glycerol)	Konstantin Slavin
08:50 - 09:15	Radiosurgery for Trigeminal Neuralgia	Mojgan Hodaie
09:15 - 09:40	Central Neuromodulation for Pain	Alon Mogilner
09:40 - 10:00	Ablation techniques for pain	Ahmed Raslan

EPILEPSY SURGICAL INTERVENTIONS

TIME	TOPIC	SPEAKER
10:00 - 10:25	Resective Epilepsy Surgery Techniques and Outcome	Andrey Sitnikov
10:25 - 10:50	Operative Brain Mapping Principles and Advances in Techniques and Technology	Faisal Alotaibi
10:50 - 11:15	Stereo-EEG Implantation: Indications, Techniques, and Complication Avoidance Strategies	Cristina Torres
11:15-11:40	Neuromodulation for Epilepsy: VNS,DBS,RNS and Others	Robert Gross
11:40-12:30	High resolution neural interfaces for cortical recording	Shadi Dayeh
12:30 - 13:30	Lunch	Satellite Symposium



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DAY 2

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SPASTICITY

TIME	TOPIC	SPEAKER
13:30 -13:35	Baclofen Therapy	Emil Isagolyan
13:35 - 13:50	Dorsal Root Rhizotomy Procedure: Principles	Nico Enslin

FOCUSED ULTRASOUND

TIME	TOPIC	SPEAKER
13:50-14:15	Focused Ultrasound FUS: Applications and Techniques	Jin Woo Chang
14:15-14:40	Focused Ultrasound FUS: Indications and Outcome	Vibhor Krishna
14:40-15:40	Coffee Break and Poster Session I	



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SURGERY FOR PSYCHIATRIC DISORDERS AND COGNITION

TIME	TOPIC	SPEAKER
15:40 - 16:05	Psychiatric Surgery - OCD	Bart Nuttin
16:05 - 16:30	Psychiatric Surgery - Depression and Cognition	Andres Lozano
16:30 - 16:55	Psychiatric Surgery - Emerging Indications	Bomin Sun
16:55 - 17:20	Ethics in Pscyhiatric Surgery	Bart Nuttin



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DAY 3

18th November 2023

SPINAL CORD AND PERIPHERAL NERVE STIMULATION

TIME	TOPIC	SPEAKER
08:30 - 08:55	Peripheral nerve and DRG stimulation	Konstantin Slavin
08:55 - 09:20	SCS for Pain: Techniques and Technology	Alon Mogilner
09:20 - 09:45	Advances in SCS & future directions	Jocelyne Bloch
09:45 - 10:00	Coffee Break	

STEREOTACTIC RADIOSURGERY

TIME	TOPIC	SPEAKER
10:00 - 10:25	Radiosurgery Principles and Practice	Jean Regis
10:25 - 10:40	Targeting Principles and Dosimetry Analysis	Giorgio Spatola
10:40 - 11:05	Radiosurgery Applications in Functional Neurosurgery	Constantin Tuleasca
11:05 - 11:15	Radiosurgery for Trigeminal Neuralgia	Ben Jonker
11:15 - 12:30	Hands on Session I	



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DAY 3

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STEREOTACTIC TARGETTING AND PLANNING

TIME	TOPIC	SPEAKER
	Station 1: Frame Placement Techniques and Technology	
	Station 2: Planning Stations and Stereotactic Targeting	
	Station 3: Microelectrode Recording	
	Station 4: Radiosurgical Planning	
12:30 - 13:30	Lunch	Satellite Symposium

ADVANCED IMAGING

TIME	TOPIC	SPEAKER
13:30 - 13:55	Pain	Mojgan Hodaie
13:55 - 14:20	Movement disorders	Vibhor Krishna
14:20 - 14:45	Psychiatric disorders	Sameer Sheth
14:45 - 15:45	Hands on Session II	



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DAY 3

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HANDS-ON SESSION II HARDWARE AND PROGRAMMING

TIME	TOPIC	SPEAKER
	Station 1: DBS	
	Station 2: SCS	
	Station 3: Robotic	
	Station 4: SEEG	
15:45 - 16:15	Coffee Break and Poster Session II	

EDUCATION AND RESEARCH

TIME	TOPIC	SPEAKER
16:15 - 16:40	Training in Stereotactic and Functional Neurosurgery	Jean Regis
16:40 - 17:05	Research and Publishing in Functional Neurosurgery	Andres Lozano
17:05	Conclusion Remarks	Konstantin Slavin