

WFNS2022 | SCIENTIFIC PROGRAM

14/03/2022

07:00 - 08:30 STATE OF ART - Functional I

Room G **Moderators:** *Zorro Guio, Oscar Fonoff, Erich*

- 7:00 - 07:15 Centromedian thalamic nucleus. Microrecording for epilepsy
William D Hutchison (Canada)
- 7:15 - 07:30 Hippocampal Stimulation for Epilepsy
Arthur Cukiert (B)
- 7:30 - 07:45 Multi-target DBS for drug-resistant epilepsy. State of the art
Robert Gross (United States)
- 7:45 - 08:00 Deep brain stimulation in the centromedian thalamic nucleus for epilepsy
Adriana Lucia Lopez Rios (Colombia)
- 8:00 - 08:15 Usefulness of VNS therapy on pediatric focal epilepsies
Mario Arturo Alonso Vanegas (Mexico)
- 8:15 - 08:30 DBS of Hypothalamus for Aggressive Behavior
Juan Carlos Benedetti (Colombia)

08:40 - 10:10 CONTROVERSIES IN NEUROSURGERY - Functional I

Room G **Moderators:** *Benedetti, Juan Carlos Gross, Robert*

- 8:40 - 08:55 Microrecording method for tracks targeting Vc ventral caudal thalamic nucleus in pain
William D Hutchison (Canada)
- 8:55 - 09:10 Posterior Subthalamic area for tremor
Jose Damian Carrillo Ruiz (Mexico)
- 9:10 - 09:25 Directional Electrodes and DBS for Gait and Postural Instability in Parkinson Disease (DBS in gait/PI)
Robert Gross (United States)
- 9:25 - 09:40 Spinal Cord Stimulation for Gait and Postural Instability in Parkinson Disease
Erich Fonoff (Brazil)
- 9:40 - 09:55 Surgery for Dystonia
Giovanni Broggi (Italy)
- 9:55 - 10:10 Deep brain stimulation in the globus pallidus internus for secondary dystonia
Fabian Piedimonte (Argentina)

15/03/2022

07:00 - 08:30 STATE OF ART - Functional II - Education I

Room G **Moderators:** *Mora, Henin*
Arango, Mr. Pablo

- 7:00 - 07:15 Ethic aspects in psychiatric neurosurgery
Fiacro Jiménez (Mexico)
- 7:15 - 07:30 Transition from frame based to frameless stereotactic neurosurgical procedures: Lessons Learned
Fahd Derkaoui Hassani (Morocco)
- 7:30 - 07:45 Neuroanatomy in movement disorder targets
Erich Fonoff (Brazil)
- 7:45 - 08:15 Evolution of Functional Neurosurgery
Alim Louis Benabid (France)

08:40 - 10:10 CONTROVERSIES IN NEUROSURGERY - Functional II - Education I

Room G **Moderators:** *Slavin, Konstantin*
De La Cruz Pabón, Jonathan Ricardo

- 8:40 - 08:55 Aggressiveness or Violence as a disorder: Issue in Neurosurgery
Fiacro Jiménez (Mexico)
- 8:55 - 09:10 Microrecording method for targeting hypothalamus for refractory aggressiveness
William D Hutchison (Canada)
- 9:10 - 09:25 How to transform occasional DBS for OCD cases into clinical follow-up studies
Fiacro Jiménez (Mexico)
- 9:25 - 09:40 Subcauded tractotomy in psychotic patients
Oswaldo Vilela (Brazil)
- 9:40 - 09:55 Focus ultrasound ablation. How to start this service in a new center
Andrés Lozano (Canada)
- 9:55 - 10:10 Discussion

17:30 - 17:50 PLENARY SESSION - Functional

Auditorium **Moderators:** *Borba, Luis*
Grotenhuis, André
Perilla, Tito

- 17:30 - 17:50 Future Developments in Functional Neurosurgery
Andrés Lozano (Canada)

07:00 - 08:30 STATE OF ART - Functional III

Room G **Moderators:** *Lopez Rios, Adriana Lucia
Lozano, Andrés*

- 7:00 - 07:15 DBS in Inferior Thalamic Peduncle in the treatment of Major Depression Disorder and Obsessive-Compulsive Disorder
Fiacro Jiménez (Mexico)
- 7:15 - 07:30 Deep brain stimulation and schizophrenia
Rodrigo Rodriguez (Spain)
- 7:30 - 07:45 DBS of Hypothalamus for refractory aggressive disorder
Adriana Lucia Lopez Rios (Colombia)
- 7:45 - 08:00 DBS of Subcallosal Cingulate (25 Area) for Treatment-Resistant Depression
Andrés Lozano (Canada)
- 8:00 - 08:30 Discussion

08:40 - 10:10 CONTROVERSIES IN NEUROSURGERY - Functional III

Room G **Moderators:** *Pérez, Bernardo
Jiménez, Fiacro*

- 8:40 - 08:55 Microrecording method for targeting CMN centromedian nucleus of the thalamus for epilepsy
William D Hutchison (Canada)
- 8:55 - 09:10 Focused Ultrasound (Advanced Parkinson Disease)
TBD (TBD)
- 9:10 - 09:25 Occipital Nerve Stimulation for refractory cluster headache
Konstantin Slavin (United States)
- 9:25 - 09:40 Neurotomies in the treatment of focal spasticity in children.
Jose Damian Carrillo Ruiz (Mexico)

14:00 - 16:00 VIDEO SESSIONS - Oncology / Functional

Room LM **Moderators:** *Teo, Charles*
Aguiar, Paulo Henrique

- 14:00 - 14:12 Insular Diffuse Low Grade Glioma
Jose Valerio (United States)
- 14:12 - 14:24 Deep Intra-Axial Low Grade Glioma
Charles Teo (Australia)
- 14:24 - 14:36 Medial Sphenoid Wing Meningioma
Paulo Henrique Aguiar (Brazil)
- 14:36 - 14:48 Surgery for "orbital roof meningioma"
Ekkehard Kasper (Canada)
- 14:48 - 15:00 Mesial Temporal Lobe Tumor. Patient with epilepsy
Manuel Campos Puebla (Chile)
- 15:00 - 15:12 Augmented reality, mixed reality and virtual reality
Jose Valerio (United States)
- 15:12 - 15:24 Hypothalamic third ventricular glioma resection
James Rutka (Canada)
- 15:24 - 15:36 Adult Retrochiasmatic Craniopharyngioma
Pablo Ajler (Argentina)
- 15:36 - 15:48 Pediatric Craniopharyngioma surgery
Mohamed El Beltagy (Egypt)
- 15:48 - 16:00 Endoscopic Management of Craniopharyngiomas
Ramesh Nair (United Kingdom)

16:30 - 18:10 VIDEO SESSIONS - Oncology / Functional II

Room LM **Moderators:** *Campos Puebla, Manuel*
Valerio, Jose

- 16:30 - 16:42 Endoscopic resection of colloid Cyst of the third ventricle with ventricles of normal size
Graciela Zuccaro (Argentina)
- 16:42 - 16:54 Meningioma of the ventricular atrum through the intraparietal sulcus
Apio Antunes (Brazil)
- 16:54 - 17:06 Cervicomedullary Tumor
George Jallo (United States)
- 17:06 - 17:18 Spinal cord hemangioblastoma surgery
Nikolay Konovalov (Russian Federation)
- 17:18 - 17:30 Intramedullary ependymoma
Nikolay Konovalov (Russian Federation)
- 17:18 - 17:30 Intramedullary glioma
Nikolay Konovalov (Russian Federation)
- 17:30 - 17:42 DBS for dystonia in Wilson disease patient
Fabian Piedimonte (Argentina)
- 17:42 - 17:54 DBS for aggressive
Adriana Lucia Lopez Rios (Colombia)

07:00 - 08:30 STATE OF ART - Functional IV

Room G **Moderators:** *Piedimonte, Mr. Fabian Slavin, Konstantin*

- 7:00 - 07:15 Spinal cord stimulation for pain in SDRC syndrome douloureux regional complex
Fabian Piedimonte (Argentina)
- 7:15 - 07:30 Spinal cord stimulation for Post Laminectomy Syndrome
Patricio Bustos (Chile)
- 7:30 - 07:45 Refractory Angina and spinal cord stimulation
Adriana Lucia Lopez Rios (Colombia)
- 7:45 - 08:00 Management of post-herpetic pain with spinal cord stimulation
Oscar Andres Escobar Vidarte (Colombia)
- 8:00 - 08:15 Dorsal root ganglion neurostimulation for the treatment of pain
Konstantin Slavin (United States)
- 8:15 - 08:30 Spinal cord stimulation for management of post-gunshot wound pain and other secondary injuries
Thiago Freidas (Brazil)

08:40 - 10:10 CONTROVERSIES IN NEUROSURGERY - Functional IV

Room G **Moderators:** *Pampin, Sergio Escobar Vidarte, Oscar Andres*

- 8:40 - 08:55 Deep brain stimulation and treatment of severe dyskinesias in Parkinson's Disease
Henin Mora (Ecuador)
- 8:55 - 09:10 Deep brain stimulation in the posterior subthalamic area for non-parkinsonian tremor
Julian Eduardo Soto Abraham (Mexico)
- 9:10 - 09:25 Peripheral Nerve Stimulation for Craniofacial Pain
Konstantin Slavin (United States)
- 9:25 - 09:40 Modern Applications of Spinal Cord Stimulation
TBD (TBD)
- 9:40 - 10:10 Discussion

07:00 - 08:30 VASCULAR DECOMPRESSIONS SYMPOSIUM - Recognition to Prof Marc Sindou I**Room G Moderators:** *Osorio, Enrique*

- 7:00 - 07:15 Relation of Cranial Nerves (V, VII, VIII, IX, X) to brain vessels
Igor Lima Maldonado (Brazil)
- 7:15 - 07:30 Percutaneous Trayectory to Reach out the Trigeminal Neve through the Foramen Oval. Anatomical structures to be avoid
Jorge Alvernia (United States)
- 7:30 - 07:45 Microsurgical anatomy of the cranial nerve centric triangles of the posterior cranial base
Rogelio Revuelta-Gutierrez (Mexico)
- 7:45 - 08:00 The efficacy and safety of Internal Neurolysis for trigeminal neuralgia without neurovascular compression
Marco Gonzales-Portillo (Perú)
- 8:00 - 08:15 Gamma Knife for trigeminal neuralgia
Henin Mora (Ecuador)
- 8:15 - 08:30 Management of Glossopharyngeal Neuralgia
Jonathan Ortiz Rafael (Mexico)
- 8:15 - 08:30 Management of Glossopharyngeal Neuralgia
Rogelio Revuelta-Gutierrez (Mexico)

09:00 - 10:10 VASCULAR DECOMPRESSIONS SYMPOSIUM - Recognition to Prof Marc Sindou II**Room G Moderators:** *Mora, Henin
Carrillo Ruiz, Mr. Jose Damian*

- 9:00 - 09:15 Hemifacial Spasm. Surgical Approach
Antonio Daher (Venezuela)
- 9:15 - 09:30 Familial Trigeminal Neuralgia
Enrique Osorio (Colombia)
- 9:30 - 09:50 Classical Trigeminal Neuralgias: from Imaging to Surgery
Marc Sindou (France)
- 9:50 - 10:00 Discussion - Vascular decompressions Symposium
- 10:00 - 10:10 Prof. Marc Sindou's life synopsis
Enrique Osorio (Colombia)
- 10:00 - 10:10 Prof. Marc Sindou's life synopsis
Jorge Alvernia (United States)