

AASSFN 2016

3 - 5 March 2016
Shangri-La Hotel, Cairns, Australia

Thursday 3 March 2016

Time	Topic	Presenter	Chair
10.00 - 13.00	Registration		
12.00 - 13.00	Lunch		
13.00 - 13.15	Welcome Address	Terry Coyne (Meeting President) Bomin Sun (AASSFN President) Joachim Krauss (WSSFN President)	
Pain I			
13.15 - 13.40	Untangling the Pain Patient	Leigh Atkinson	Takamitsu Yamamoto
13.40 - 14.00	Microvascular Decompression - Principles and Pitfalls in the Management of Facial Pain	Mark Dexter	
14.00 - 14.20	Update on Spinal Cord Stimulation	Jason Ray	
14.20 - 14.40	Sacral Nerve Stimulation for Intractable Pelvic Pain	Seong Ho Kim	
14.40 - 15.00	Afternoon Tea		
15.00 - 16.00	Neuromodulation Medtronic Symposium		
Movement Disorders - PD I			
16.00 - 16.15	PPN DBS in PD - Where are we at?	Wesley Thevathasan	Mooseong Kim & Ray Cook
16.15 - 16.30	PPN DBS for Progressive Supranuclear Palsy	Paresh Doshi	
16.30 - 16.45	Magnetic Resonance Imaging of the Subthalamic Nucleus for Deep Brain Stimulation	Arjun Chandran	
16.45 - 17.00	Improvement of Levodopa Induced Dyskinesia by Interleaving Stimulation in Subthalamic Nucleus Area	Kyung Rae Cho	
17.00 - 17.15	Posterior Subthalamic Area Deep Brain Stimulation Targeting the Zona Incerta Modulates Saccadic Eye Movements	Arosha Dissanayake	
17.15 - 17.30	Influence of Duration of Parkinson's Disease on Outcome of Subthalamic Deep Brain Stimulation	Chikashi Fukaya	
17.30 - 17.45	The Effect of Subthalamic Deep Brain Stimulation on Fine and Gross Motor Performance of the Upper Limbs	Takao Nozaki	

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Friday 4 March 2016

Time	Topic	Presenter	Chair
Special Lectures			
08.30 - 08.55	Functional Neurosurgery in Asia Australasia	Jin Woo Chang	Paresh Doshi & Terry Coyne
08.55 - 09.20	DBS for movement disorders: achievements and challenges	Joachim Krauss	
09.20 - 09.45	Emerging Strategies in Functional Neurosurgery	Andres Lozano	
09.45 - 10.10	Utilising DBS to Learn About the Brain	Peter Silburn	
10.10 - 10.30	Morning Tea		
Epilepsy			
10.30 - 10.55	Epilepsy Surgery. Present and Future	Michael Murphy	Ray Cook
10.55 - 11.15	The Use of DBS in Medically Refractory Epilepsy	Kristian Bulluss	
11.15 - 11.30	The Electrophysiological Network in Temporal Lobe Epilepsy - A Stereotactic Electroencephalography (SEEG) Study	Cheng-Chia Lee	
11.30 - 12.30	Advancing Therapeutic Options in DBS - Boston Scientific Symposium		
12.30 - 13.00	Lunch		
13.00 - 13.30	Recent Advances in Minimally Invasive Neurosurgery: MR-guided Focused Ultrasound by Medigroup	Jin-Woo Chang, Takaomi Taira, Andres Lozano	
Movement Disorders - PD II			
13.30 - 13.45	Sub-second dopamine and serotonin fluctuations critique past (and encode future) human actions	Ken Kishida	Chris Honey
13.45 - 14.00	Dissociation Between the Effect of STN DBS and Dopaminergic Responsiveness 10 years after STN DBS Surgery	Kenji Sugiyama	
14.00 - 14.15	How to Manage DBS Infections and a Review of Other Major Complications Associated with DBS	Ray Cook	
14.15 - 14.30	Adverse Events and Risk Factors in Pulse Generator Replacement	Terry Coyne	
14.30 - 14.45	The Effect of Pain Reduction During Frame Fixation in the Stereotactic Radiosurgery by the Pre-Fixation Time Advanced Local Anaesthesia	Won Ho Cho	

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14.45 - 15.15	Afternoon tea		
Pain II			
15.15 - 15.30	Stereotactic Lesions for Pain: What's Old is New	Chris Honey	Leigh Atkinson
15.30 - 15.45	Dual Lead Spinal Cord Stimulation for Post-Stroke Pain Based on the Results of Drug Challenge Test	Takamitsu Yamamoto	
15.45 - 16.00	Spinal Cord Stimulation in Japan	Shinichi Goto	
16.00 - 16.15	Spinal Cord Stimulation for Failed Back Syndrome - Case Report & Review of the Literature	Tuan Pham Anh	
16.15 - 16.30	Dorsal Root Entry Zone Lesions for Intractable Pain	Han-Jung Chen	
New Horizons			
16.30 - 16.45	New Horizons of Neuronavigation Technology: Clinical Experience of Trans-Visible Navigation System	Makato Sato	Shinichi Goto & Kristiann Bulluss
16.45 - 17.00	Robotic Assistance in Functional Neurosurgery - Present & Future	Norman Ma	
17.00 - 17.15	Tissue Motion Prediction and Fast Motion Correction to Support Super-Accurate Targeting in Deep Brain Stimulation	Surya Singh	
17.15 - 17.30	The Stereotactic Neurophysiology of the Midbrain Periaqueductal Gray in the Rat In Vivo: An Effective Site for Deep Brain Stimulation and Autonomic Control	Hari Subramanian	
19.00	Gala Dinner		

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Saturday 5 March 2016

Time	Topic	Presenter	
Special Lecture			
08.00 - 08.30	The Possibility of Neurosurgery for Alzheimer's Disease	Andres Lozano	Bomin Sun
Psychosurgery			
08.30 - 08.50	Overview of Indications and Rechniques in Psychosurgery	Bomin Sun	Terry Coyne
08.50 - 09.10	Management of Psycho-Affective Symptoms after STN DBS	Philip Mosley	
09.10 - 09.25	Deep Brain Stimulation of Nucleus Accumbens and Anterior Limb of Internal Capsule Synchronously for Severe Opiod Addiction - Pilot Study	Xuelian Wang	
09.25 - 09.40	Source Information Flow and Microstate Analysis of Resting State EEG in Depression	Katsushige Watanabe	
09.40 - 10.10	Morning tea		
Movement Disorders - Dystonia, Tremor			
10.10 - 10.30	Dystonia is curable with neurosurgical interventions	Takaomi Taira	Jin Woo Chang
10.30 - 10.45	Primary Orthostatic Tremor - Our Experience and Review of the Literature	Jacqueline McMaster	
10.45 - 11.00	Tics induced by stimulation of the Posterior Subthalamic Area in Essential Tremor	Arjun Chandran	
11.00 - 11.15	Where is the PSA?	Ben Jonker	
11.15 - 11.30	Clinical Response to Stimulation Parameters of Pallidal Deep Brain Stimulation for Cervical Dystonia	Ryoong Huh	
11.30 - 11.45	Clinical Effects of Posterior Subthalamic Area/Globus Pallidus Internal Deep Brain Stimulation for Dystonic Head Tremor	Takeshi Nakajima	
11.45 - 12.00	Modulations on cortical oscillations by levodopa and Subthalamic deep brain stimulation in patients with Parkinson's disease, a MEG study	Chunyan Cao	
12.00 - 13.00	Lunch		
Asian Australasian Society for Stereotactic & Functional Neurosurgery Board Meeting			

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Radiosurgery			
13.00 - 13.15	Gamma Knife Surgery for Multiple Brain Tumours and AVM's	Mooseong Kim	Ben Jonker
13.15 - 13.30	Ophthalmological Application of Gamma Knife Radiosurgery	Jung-Il Lee	
13.30 - 13.45	Perfection Gamma Knife Radiosurgery for Upper Cervical Spinal Cord Tumours	Mooseong Kim	
13.45 - 14.00	Gamma Knife Radiosurgery for Central Neurocytoma	Won Hee Lee	
14.00 - 14.30	Afternoon Tea		
Clinical Studies			
14.30 - 14.45	Favourable Long Term Safety of Auditory Brainstem Implantation in Non Tumour Patients with Sensorineural Hearing Loss	Na Young Jung	Jacqueline McMaster
14.45 - 15.00	Neuromodulation for Persistent Vegetative State Patient	Mooseong Kim	
15.00 - 15.15	The Role of Stereotaxis in Glioma Surgery: Current Status	David Walker	
15.15 - 15.30	Intrathecal Baclofen Therapy for Post Stroke Patients	Hidehiro Hirabayashi	