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Thursday, May 3, 2018

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S173- Automatic Detection of High Frequency Oscillations (HFOs) to Locate Epileptogenic Zone

Xiaofeng Yang, MD (China)

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S175- Sleep and Autonomic Disturbances in Fibromyalgia: Cause or Consequence?

Ruchi Singh, MBBS, MD (India); Nirendra Rai, MBBS, MD, DM (India); Aakarsh Rastogi, MBBS student (India); Chiranjeevi Endukuru, MSc, PhD student (India)

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Jiangling Song, PhD (USA); Haoqi Sun, PhD (USA); Jin Jing, PHD (USA); Rui Zhang, PhD (China); Cash Sydney S, MD, PhD (USA); M. Brandon Westover, MD, PhD, FACNS (USA)

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Montserrat Gerez, MD, PhD (Mexico); Armando Tello, MD, PhD (Mexico); Maricela Franco, MD, PhD (Mexico)

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Claudio Babiloni, PhD (Italy)

S179- The Incidence of First Seizures, New Diagnosis of Epilepsy and Seizure Mimics in County Cork, Ireland; An Epidemiologic Protocol and Interim Report

Eimer Maloney, MD (Ireland); Ellis O'Reilly, PhD (Ireland); Daniel Costello, MD (Ireland)

S180- A Comparative Study of Motor Nerves Conduction Velocity Between Right Handed and Left Handed Subjects

Duaa A. Ahmed, MSc (Sudan); Sarah Y. Mousa, MSc (Sudan); Ammar Ahmed, PhD, DCN, MAAN, FRCM, FRCP (Sudan); Afaa Musa, MSc, PhD (Sudan)

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Min-Fang Kuo, MD, PhD (Germany); Mohsen Mosayebi, MSc (Germany); Asif Jamil, PhD (Germany); Michael A. Nitsche, MD (Germany)

S182- Visual Inputs Control of Sustained Muscle Contraction

Giuseppe Lucente, MD (Spain); Jaume Coll Canti, MD, PhD (Spain); Josep Valls-Solé, PhD (Spain)

S183- The Dynamics of the M. Extensor Digitorum Communis Cortical Representation After Motor Imagery Training Sessions Using Brain-Computer Interface: Controlled Study

Alexandra Poydasheva, PhD student (Russian Federation); Roman Lyukmanov, MD (Russian Federation); Andrey Chernyavsky, PhD student (Russian Federation); Guzel Aziatskaya, MD (Russian Federation); Natalia Suponeva, PhD (Russian Federation); Michael Piradov, MD, PhD (Russian Federation)

S184- Sparse Representation and Classification of Neural Spikes Using Supervised Dictionary Learning

Ahmed Dallal, PhD (USA); Zhi-Hong Mao, PhD (USA)

S185- Using Surface Electromyography to Differentiate between Generalized Tonic-Clonic Seizures and Psychogenic Non-Epileptic Seizures

Luke Whitmire, PhD (USA); Damon Cardenas, PhD (USA); Kristen Malloy, BS (USA)

S186- History of Clinicalneurophysiology in Morocco: From an Integrated Unit in Neurology to an Independent Structure of Neurophysiological Explorations

Abderrahmane Chahidi, DCFP, MRrsci (Morocco); Zouhayr Souirti, MD, PhD (Morocco); Mohamed Chraa, MD, Msc (Morocco); Reda Ouazzani, MD (Morocco)

S187- Cerebral Oxygen Saturation and Cytochrome Oxidase Redox State in Children with Epilepsy: A Pilot Study - MULTICHANNEL NIRS for Epilepsy Seizure Detection

Kumar Sannagowdara, MD (USA); Marsha Malloy, RN, BSN, MBA, CCRC (USA); Wei-Liang Chen, MD (USA); Brendan Quirk, PhD (USA); Parvati Kadamati, PhD (USA); Jeffrey Sugar, MS (USA); Mahsa Ranji, PhD (USA); Priya Monrad, MD (USA); Jennifer Brown, CCRP (USA); Harry Whelan, MD (USA)