

# 17th European Congress of Clinical Neurophysiology

# Warsaw

5-8 June

2019

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## PLENARY SPEAKERS

### CLAUDIO BABILONI

Cortical EEG rhythms in quiet wakefulness disclose abnormal neurophysiologic mechanisms of vigilance in Alzheimer's, Parkinson's and Lewy Body diseases

### HUGH BOSTOCK

Nerve excitability testing: from threshold electrotonus to CMAP scans

### DAVID BURKE

Early diagnosis of ALS: can we improve on the Awaji criteria?

### JONATHAN COLE

The neuroscience and experience of severe sensory loss

### ANNA KOSTERA-PRUSZCZYK

The role of clinical neurophysiology in diagnosing neuromuscular diseases in children

### PIOTR OLEJNICZAK

Challenges of measurable signal and artifact identification in clinical neurophysiology

### WALTER PAULUS

Recipes for dealing with the reproducibility crisis in transcranial stimulation

### IVAN REKTOR

Music and Epilepsy

### MARGITTA SEECK

Modern EEG diagnostics

### ULF ZIEMANN

Brain-state-dependent stimulation: a new era of therapeutic clinical neurophysiology

## TIPS FOR TRAINEES

Jitter analysis with concentric needle electrode - E. Stalberg  
When and how to test NM junction - Y. Pereon  
Session for controversies on EEG and NCS - S. Beniczky  
Artefact recognition in EEG - P. Olejniczak  
Tips on pain neurophysiology - L. Garcia-Larrea  
Evoked potentials - W. Paulus  
Reducing noise and interference in NCS - S. Nandedkar  
EMG: Which muscle to sample in radiculopathies? - A.E. Oge

EMG: Don't forget the blood vessels! - M. B. Baslo  
Testing reflex epilepsies: what should be done? - A.M. da Silva  
Electrophysiology of syncope - M. Habek  
Surface EMG in Tremor and Myoclonus - J. Valls-Sole  
Pitfalls in electromyography - C. Krarup  
Tips on motor neuron disease EMG - M. de Carvalho  
Short and long exercise test. When? How? - H. Tankisi

## SYMPOSIA

Neurodegenerative Dementing Disorders, Brain Over-excitation, and EEG Signatures: Preclinical and Clinical Evidence - C. Babiloni  
Brainstem SIG Symposium - State of the art in intraoperative monitoring of the brainstem - S. Jääskeläinen  
Spontaneous and stimulation dependent markers of the effectiveness of ANT-DBS treatment - D. Fabo  
Evoked potentials and their clinical implications in CNS diseases - A. Pokryszko-Dragan  
Diagnosing amyotrophic lateral sclerosis - B. Johnsen  
Advanced Technologies in Clinical Neurophysiology - A. Suppa  
Quantified Measures for Motor Unit's Bioelectrical Activity - M. B. Baslo  
Can salience mask the genuine nociceptive brain activity? - M. Valeriani  
Applications of novel therapeutic transcranial magnetic stimulation techniques - L. Leocani

The Construction of Pain - L. García-Larrea  
Changes in Axonal Excitability in Neurological Disease - D. Burke / C.Krarup  
Human brain networks in physiological and pathological aging: graph theory application - F. Vecchio  
Enterapment neuropathies, updated diagnostic electrophysiological techniques - A. Hanafy  
Myths and truths of high frequency oscillations (HFO) as markers of epileptogenic tissue - M. Brazdil  
Brain Stimulation - Networks, Semiology, Clinical Value - I. Míndruță  
Muscle and Nerve Damage in Intensive Care: electrophysiological studies - M. de Carvalho  
Facial Reinnervation and Function - H. Uysal  
Neurophysiological evaluation in sleep disorders and neurodegeneration - P. Jennun

## EDUCATIONAL COURSES

Hands-on Teaching Course on Nerve and Muscle Excitability Studies, including MScan MUNE - H. Tankisi  
Implementing Neuromuscular Ultrasound in clinical neurophysiologic everyday practice - E. Querama  
Single-Fiber EMG - D. Sanders  
EEG processing and analysis - M. Lamoš  
Conventional neurophysiology options for the study of small fibers - J. Valls-Solé  
Testing of the vestibular system for the beginners - M. Habek  
Challenges of EEG Interpretation in Critically-ill Patients: Case-based Course - B. Baykan

Improving the ENMG in children - Y. Pereon  
From interictal and ictal EEG to syndrome diagnosis and etiology - A. Kaminska  
Mastering semi-quantitative motor unit potential analysis skills - D. Rubin  
Needle EMG testing : how to solve problems when interpretation becomes difficult... - Y. Pereon  
How and when to test autonomic nervous system? - M. Habek  
EMG approach to acute and chronic polyneuropathy - P. Proot  
Conventional and Threshold Tracking TMS - B. Cengiz  
Quantitative Electromyography - C. Krarup  
Seizure types: An interactive video-EEG session - S. Beniczky