

E-poster Sessions

E-posters will be presented on touch LCD panels at the congress venue. e-Posters will be displayed throughout the Congress and available for all participants.

All presented e-posters are also available to registered participants on the Congress website www.eccn2015.eu

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E-poster sessions overview

September 30, 2015 7:30 - 9:00	October 1, 2015 7:30 - 9:00	October 2, 2015 7:30 - 9:00	October 3, 2015 7:30 - 9:00
<i>Neurophysiology of brain and mind</i>	<i>Neurological and psychiatric diseases I</i>	<i>Neurological and psychiatric diseases II</i>	<i>Neurological and psychiatric diseases III</i>
<i>Novel diagnostic neurophysiological methods</i>	<i>Functional and multimodal brain imaging</i>	<i>Event Related Potentials/oscillations I</i>	<i>Event Related Potentials/oscillations II</i>
<i>Neurophysiology of normal and pathological development</i>	<i>Neurostimulation (invasive and non-invasive) I</i>	<i>Neurostimulation (invasive and non-invasive) II TES</i>	<i>Neurostimulation (invasive and non-invasive) III TMS</i>
<i>Case reports</i>	<i>Electroencephalography, epilepsy</i>	<i>Neurophysiological monitoring</i>	<i>Neurophysiological signal analysis and modeling</i>
<i>Varia</i>	<i>Electromyography, neuromuscular disorders I</i>	<i>Electromyography, neuromuscular disorders II</i>	<i>Electromyography, neuromuscular disorders III</i>

Each e-poster will be displayed in 4 minutes (2 minutes presentation + 2 minutes discussion), e-poster presenters are kindly asked to be present to discuss their e-posters with other participants.

All participants are invited to the e-poster viewing stations to hear the short presentations and to ask questions.

September 30, 2015

Neurophysiology of brain and mind

Chairs: R. Rosipal, M. Balconi

ID27 - Resting lateralized activity (fNIRS) predicts the cortical response to emotions.

Michela Balconi

ID 32 - Mild network activation by orexin-A avoids hyper excitability in input deprived cortical networks

Joost le Feber

ID 46 - Human and animal-directed empathy during social interactions: a multi-method approach with hemodynamic (fNIRS), electrocortical (EEG) and autonomic measures

Maria Elide Vanutelli

ID 60 - P3 as a marker of changed cognition in aging

Michael Falkenstein

ID 82 - Oscillatory activity in nonspecific nuclei of human thalamus during motor and cognitive tasks

Uliya Semenova

ID 88 - anterior thalamus in cognition: an intracerebral recording study

Klára Štillová

ID 158 - Emotional modulation of EEG rhythms in unipolar vs bipolar depression during unconscious cue-picture association

Elena Mnatsakanian

ID 241 - Neurophysiological effects of meditation

Olesya Zakharova

ID 265 - Hand flexor and extensor muscles cortical representations during motor imagery: topographic and neurophysiological differences

Roman Lyukmanov

ID 277 - The effects of BDNF Val66Met polymorphism on motor learning studied electrophysiologically by sensory-motor integration

Sule Deveci

ID 280 - Neurophysiologic methods in the estimation of disturbances and recovering of consciousness

Victor Gnezditskiy

ID 306 - Mirror-box Training in Healthy Subjects and a Patient with Hemiparesis

Roman Rosipal

ID 319 - Is the presence of late evoked potentials (N100 wave) a good predictor of survival in comatose patients?

Sabrine Souci

ID 370 - Impaired central processing in pain perception in a patient with insensitivity to pain; evaluation by laser-evoked potential and pain PET

Masako Kinoshita

ID 380 - Analysis of the alterations induced by working memory tasks in the electroencephalogram

Joana Franco

ID 391 - Handwriting and autonomic nervous system: are they related?

Nikolai Tcarev

ID 395 - Effect of transcranial direct stimulation on pseudo-neglect in healthy subjects: results of a pilot study

Róbert Csadi

ID 510 - Routing of olfactory inputs to the brainstem raphé nucleus

M. L. Lőrincz

Novel diagnostic neurophysiological methods

Chairs: C. Moore, M. Nebuchennykh

ID 6 - A new method for performing vibratory evoked potentials

Magdalena Krbot Skoric

ID 10 - a novel electrophysiological method in the diagnosis of pudendal neuropathy: position related changes in pudendal sensory evoked potentials

Burcu Ormeci

ID 43 - Emotional appraisal and psychophysiological responsivity in psychogenic syncope

Davide Crivelli

ID 133 - Flash ERG and VEP – Comparison of Stimulation by LED and Xenon Lamp

SERKAN AKSU

ID 145 - NeuroTrend: Prospective validation of rhythmic and periodic pattern detection method for Scalp EEG

Ana Magdalena Skupch

ID 175 - Magnetic stimulation on proximal to establish a method for evaluation of the axillary nerve conduction

Shuo Zhang

ID 195 - A somatosensory evoked magnetic field study on textural processing using a novel textural stimulator

Koichi Hagiwara

ID 214 - Optical Coherence Tomography and Multifocal Visual Evoked Potentials usefulness to detect visual pathway abnormalities in clinical practice

Simone Guerrieri

ID 254 - Validation of a method for deriving motor evoked potentials of the diaphragm muscle after transcranial and cervical magnetic stimulation

Arwin Ansari

ID 275 - OCT and VEP in Multiple Sclerosis: sensitivity and predictive value

Giovanni Di Maggio

ID 299 - Retinal involvement in fronto-temporal dementia: role of optical coherence tomography and clinical implications

Laura Ferrari

ID 324 - Reproducibility of QST protocol

Iva Šrotová

ID 336 - Most of the QST methods show excellent diagnostic validity in discrimination of diabetic neuropathy patients and healthy controls

Soňa Kincová

ID 363 - Development of novel paradigms for social neuroscience - ongoing bilateral project

Zdeněk Krpoun

ID 385 - Temperature dependent changes in HCN channel current (I_h) in human motor axons of different threshold. Implications for generation of febrile seizures

Christopher Moore

ID 390 - Association between intraepidermal nerve fiber density and quantitative sensory testing in the patients with possible small fiber neuropathy

Maria Nebuchennykh

ID 396 - On the relationship between inter saccadic interval and object velocity in a reaching movement task

Ovidiu Constantin BANEA

Neurophysiology of normal and pathological development

Chairs: E. Minks, J. Leote

ID 51 - Correlation between abnormal brain excitability, anger management and anxiety in migraine children

Stefano Prod

ID 96 - Spatial attention effect on SEP components differentiates migraine children with imploding pain from those with exploding pain

Elisa Iacovelli

ID 130 - Motor cortical alterations in children with Asperger's syndrome studied with navigated TMS

Laura Säisänen

ID 172 - Upper motor neuron involvement in Kennedy disease evaluated by triple stimulation technique

Yingsheng Xu

ID 224 - Patterns of thalamic oscillatory activity in patients with parkinsonian tremor and essential tremor

Ping Zhuang

ID 234 - Brain network analysis of EEG functional connectivity in patients with benign childhood epilepsy with centro-temporal spikes

Azeez Ayodeji Adebimpe

ID 255 - Axonal excitability recovery in double peak sensory nerve action potentials

Joao Leote

ID 259 - BENIGN NEONATAL SLEEP MYOCLONUS EVOKE SOMATOSENSORY POTENTIALS

Emma Losito

ID 311 - Do The Motor Unite Potentials Properties Change With Recording From Near Tendon?

Elif

Kocasoy Orhan

ID 350 - Sensory Chnges in Motor Neuron Disease patients: an Electrophysiological Study

Mohamed Sherif El Morsi

ID 387 - Childs play: a constructive approach to evoking event-related potentials (ERP) in children

Alan Worley

ID 424 - Laser evoked potentials habituation and central sensitization symptoms in childhood migraine

Eleonora Vecchio

Case reports

Chairs: I. Štětkářová, G. Granata

ID 21 - Riche-Cannieu anastomosis: A case report

Eren Gozke

ID 63 - Segmental zoster paresis of limbs with two cases

Şehnaz Arıcı

ID 79 - The usefulness of miotatic electronic reflex (T-reflex) in early stages of Guillain Barre syndrome. A case report

Alvarez-Paradelo Silvia

ID 102 - Moscow's 15 years of experience in mobile neurophysiologic assessment

Mikhail Sinkin

ID 140 - Left-side asymmetry in cortical and spinal inhibitory circuits in stiff-person syndrome: a case report

Vaclav Bocek

ID 159 - Madelung's disease. A case report

Nerea Ausin

ID 199 - Demographic and Electrophysiological pattern in Chronic Inflammatory Demyelinating Polyradiculoneuropathy among Iranian patients referred to Iran University of Medical sciences.

Bahram Haghi Ashtiani

ID 210 - Overlapping respiratory neuromuscular dysfunction in a case of Lambert-Eaton syndrome

Miguel Angel Merino-Ramirez

ID 287 - Sensory feedback generated by intraneural electrical stimulation of peripheral nerves drives cortical reorganization and relieves phantom limb pain: a case study

Giuseppe Granata

ID 347 - Facial myokymia in devic disease

Maria Concepcion Maeztu

ID 364 - Repetitive Transcranial Magnetic Stimulation (rTMS) in hypoxic brain injury due to acute carbon monoxide poisoning: Case Report

Adel Marei

ID 366 - Cerebral venous thrombosis (CVT) in a female patient with severe Obstructive sleep apnea (OSAS): Case presentation

Hebatallah Rashed

ID 407 - Treatment of CIDP with Autologous Stem Cells Transplantation- a Case Report

Rudolf Kotas

ID 408 - Meralgia paresthetica after the fragmentation of a renal stone using ESWL metod: A Case Report

Umit Hidir Ulas

ID 411 - Diffuse hyperpathia in a case of Wernicke's-like encephalopathy

Alberto Addis

ID 426 - Nightmares as form of manifestation of brainstem glioma

Nuria Álvarez López-Herrero

ID 429 - Clinical and electrophysiological follow-up study of a patient with congenital myasthenic syndrome (CMS) associated with mutations in the gen of the agrin (AGRN)

Jose M. Fernandez

ID 516 - Simultaneous occurrence of myasthenia gravis and polymyositis in a patient - Clinical and electrophysiological features

Ashish Garg

Varia

Chairs: A. Damborská, M. Habek

ID 5 - Head-up tilt table test in differentiating neuropathic from hyperadrenergic type of postural orthostatic tachycardia syndrome (POTS)

Mario Habek

ID 29 - Focal lesion on the hand knob re-localizes motor function laterally compared to the unaffected hemisphere

Elisa Kallioniemi

ID 35 - Ultrasound elastography of muscles in healthy subjects- reproducibility study

Maria Thelin Johansson

ID 40 - Successive synaptic and membrane failure depend on depth and duration of hypoxia in an vitro model of the ischemic penumbra

Jeannette Hofmeijer

ID 108 - Reproducibility of short interval intracortical inhibition using threshold-tracking

Gintaute Samusyte

ID 157 - EEG source monitoring of alfa activity during qi gong practice

David Pánek

ID 176 - The use of sleep questionnaires in apnea detection after cerebrovascular stroke

Mari Välimäki

ID 179 - Alpha-synuclein accumulation induced changes in white and gray matter detected by diffusion kurtosis imaging in TNWT-61 mouse model of Parkinson's disease

Amit Khairnar

ID 192 - Orthostatic tremor: a spectrum of fast and slow frequencies or distinct entities?

Heather Rigby

ID 267 - Vestibulo-masseteric Reflex and Acoustic-masseteric Reflex: normative values.

Giovanna Pilurzi

ID 283 - EEG markers of motor activity in physiological aging and Alzheimer's disease mouse models

Susanna Lopez

ID 368 - Regional changes in detrend fluctuation analysis exponent values in healthy subjects

Leon James

ID 403 - Fronto-parietal changes in oscillatory activity reflects spike-timing-dependent plasticity

Elias Casula

452 - Sympathetic skin response in stroke patients

Hacer Erdem Tilki

454

Somatosensory evoked potentials in pathological autorhythmicity detection in patients with chronic myofascial pain

Alexander Ovchinnikov

October 1, 2015

Neurological and psychiatric diseases I

Chairs: T. Gescheidt, F. Vecchio

ID 16 - Impulse Control Disorders in young-onset patients with Parkinson's Disease: cross-sectional study seeking associated factors with regard of personal characteristics

Tomáš Gescheidt

ID 25 - Changes of cardiac autonomic nervous activity during a course of electroconvulsive therapy in depression

Yoko Suzuki

ID 66 - Effect of a medical food on macroscopic brain activity in mild Alzheimer's disease: results from an exploratory double blind, randomised controlled magnetoencephalography study

Elisabeth van Straaten

ID 76 - Inter-hemispheric functional connectivity and corpus callosum morphology in multiple sclerosis

Giancarlo Zito

ID 94 - CLINICALLY ISOLATED SYNDROME (CIS): measure of axonal status

Victoria Fernandez Sanchez

ID 110 - Sensory-motor networks' topology in multiple sclerosis fatigue

Camillo Porcaro

ID 138 - Differentiation of attention network deficits in mild cognitive impairment and Alzheimer's disease by means of auditory oddball fMRI responses

Moataz Assem

ID 206 - Sensorimotor cortex excitability and connectivity in Alzheimer's disease: an EEG-TMS co-registration study

Andrea Guerra

ID 208 - Orienting network dysfunction in progressive multiple sclerosis

Moussa Chalah

ID 221 - Disturbed eye movement control in Parkinson's disease correlates with intrinsic functional connectivity within cortical networks

Martin Gorges

ID 249 - Corrupted fractal organization of EEG topographical fluctuations predict disease state in minimally disabled multiple sclerosis patients

Markus Gschwind

ID 288 - Nociceptive flexion reflex responses in idiopathic Parkinson' patients with pain

Melis Sohtaoglu Sevindik

ID - 292

Attention modulation during motor preparation in elderly subjects, freezers and non-freezers patients with Parkinson's disease: A time-frequency EEG study

Céline Tard

ID 305 - Effect of levodopa on resting state functional connectivity in Parkinson's disease: A partial least squares correlation study

Martin Gajdoš

ID 315 - Altered default mode network connectivity during visual processing in patients with mild cognitive impairment (an fMRI study)

Lenka Krajcovicova

ID 365 - Axonal neuropathy in Multiple Sclerosis patients treated with interferon B

Hebatallah Rashed

ID 388 - Dynamic alterations of brain network oscillations in a Tau seeding mouse model of Alzheimer's disease

Abdallah Ahnaou

ID 404 - Assessing the prognostic value of clinical, magnetic resonance imaging, oligoclonal band and evoked potential findings in predicting disability progression in patients with Multiple Sclerosis

Immacolata Magnano

ID 522 - Neural substrates of cognitive and affective perspective-taking in schizophrenia: a meta-analysis

Martin Jáni

Functional and multimodal brain imaging

Chairs: P. Hluštík, J. Kassubek

ID 13 - Motor cortex connectivity in cervical dystonia: An fMRI study

Pavel Filip

ID 30 - Influence of M1 hand knob ischemic stroke on motor activation: An fMRI study in chronic stage

Elisa Kallioniemi

ID 33 - Neural mechanisms underlying time perception and reward prospect

Metehan Çiçek

ID 34 - Common neural networks for time perception and working memory

Sertaç Üstün

ID 45 - Central and autonomic activity during emotion processing: a multi-method approach with hemodynamic (fNIRS), electrocortical (EEG) and autonomic measures.

Maria Elide Vanutelli

ID 65 - Magnetoencephalography (MEG) and Diffusion Tensor Magnetic Resonance Imaging (DTI) of functional and effective brain connectivity in Traumatic Brain Injury (TBI).

Rafal Nowak

ID 73 - Cortical parcellation based on local neuronal electrical activity

Carlo Cottone

ID 99 - Functional connectivity study on repetitive transcranial magnetic stimulation for central post-stroke pain

Koichi Hosomi

ID 139 - Our experience of the comparative fmri resting state (RS) analysis in normal subjects and patients with severe traumatic brain injury (TBI) according the algorithm of independent components analysis (ICA)

Alexey Gavron

ID 231 - Multicentric structural connectome analysis in 240 patients with amyotrophic lateral sclerosis

Jan Kassubek

ID 282 - A novel cognitive fMRI task to assess brain mechanisms underlying visual processing and attention

Nela Eľmarková

ID 312 - Sensorimotor modulation by botulinum Toxin A in Post-Stroke Arm Spasticity: Passive Hand Movement
Pavel Hok

ID 320 - Dopaminergic treatment-induced facilitation of cognitive switching is coupled by specific MRI signal changes
Martina Mračková

ID 328 - Anxiety-related increase of functional connectivity in the ventromedial prefrontal network in Parkinson's disease
Filip Růžička

ID 334 - The effect of whole-hand subsensory electrical stimulation on sensorimotor brain network activation
Blaž Koritnik

ID 379 - Individual operculo-insular responses to painful heat and non-painful heat stimulations with 3Tesla-fMRI
Louise Moniod

ID 381 - Functional neuroimaging study of patients with disorders of consciousness. Value of default mode network (DMN)
Liudmila Legostaeva

Neurostimulation (invasive and non-invasive) I
Chairs: R. Jech, M. Alegre

ID 12 - Cortical recovery from primary motor cortex (stroke) infarction evaluated at chronic stage
Petro Julkunen

ID 28 - Approach-Attitude and rTMs on left DLPFC affect emotional face recognition and facial feedback (EMG)
Michela Balconi

ID 39 - Oscillatory activity in the human subthalamic nucleus during spontaneous blinking
Manuel Alegre

ID 77- Confounding effect of age on verbal fluency after deep brain stimulation to the subthalamic nucleus (DBS-STN) in Parkinson's disease
Vitalii Cozac

ID 83 - Burst activity features of relay thalamic nuclei in patients with spasmodic torticollis
Dmitry Devetiarov

ID 100 - Chronic post stroke central pain: Increased success rate of chronic epidural motor cortex stimulation using somatotopic, navigated repetitive TMS for patient selection and implant placement
Magnus Thordstein

ID 150 - STN neuron activity in patients carrying the R1441G mutation in the leucine-rich repeat kinase-2 (LRRK2) gene
Jose Angel Ruiz-Ortega

ID 152 - Paired pulse TMS-EMG and TMS-EEG in epilepsy
Annika de Goede

ID 178 - Longitudinal simultaneous DBS fMRI in the rodent brain
Nathalie Van Den Berge

ID 186 - Repetition suppression in resting motor evoked potentials evidenced by increase in intracortical inhibition
Elisa Kallioniemi

ID 215 - Transcutaneous trigeminal nerve stimulation induces a long-term depression-like plasticity of the human blink reflex

Giovanna Pilurzi

ID 256 - Pinch force MVC is increased more by training when coupled with pairs of threshold TMS pulses

Atsuo Maruyama

ID 301 - Corticospinal reserve predicts walking ability in progressive multiple sclerosis

Arturo Nuara

ID 317 - On the clinical value of measuring the increase in duration of the motor evoked potential with contraction-induced facilitation

Marisa Brum

ID 386 - Cortical plasticity induced by PPC theta burst stimulation in AD patients: a combined TMS/EEG study

Maria Concetta Pellicciari

Electroencephalography, epilepsy

Chairs: P. Marusič, S. Beniczky

ID 36 - Somatosensory evoked potentials in juvenile myoclonic epilepsy with tremor and essential tremor

Zeynep Aydın-Özemir

ID 62 - Autonomic cardiac changes during temporal epilepsy: a sEEG study combined with time-frequency heart rate variability analysis

Florian Chouchou

ID 87 - Quantitative analysis of tremor and motor performance in epilepsy patients treated with various Antiepileptics

Andrea Kovács

ID 92 - Infralow EEG activity modulates cortical excitability in postanoxic encephalopathy

Michel van Putten

ID 142 - Prospective multicenter study of an automatic detection method for burst-suppression patterns

Ana Magdalena Skupch

ID 185 - Neurophysiological features of the pathogenesis of epilepsy in elderly

Andrei Druzhinin

ID 203 - Visuo-motor connectivity in photosensitive epilepsies

Gionata Strigaro

ID 253 - Good functional outcome after prolonged postanoxic coma and myoclonic status epilepsy

Sara Yagüe Jimeno

ID 258 - Defective motor cortex plasticity in juvenile myoclonic epilepsy

Chiara Pizzamiglio

ID 294 - Clinical and electroencephalographic features of patients with symptomatic epilepsy

Vildan Yayla

ID 313 - The predictive value of postoperative interictal EEG findings for seizure recurrence in temporal lobe epilepsy surgery

Marko Svetel

ID 316 - EEG resting-state directed connectivity in temporal lobe epilepsy vs healthy controls

Ana Coito

ID 318 - Pre-ictal forceful yawning in a patient with temporal lobe epilepsy

Walid Abdellaoui

ID 332 - Possible cause of autoimmune encephalopathy in epileptic patient

Anna Laura Rasso

ID 337 - Response to clonazepam in typical absence status epilepticus

Walid Abdellaoui

ID 343 - Oral carbamazepine controlled temporal complex partial status epilepticus

Walid Abdellaoui

ID 358 - Hypermotor seizures in patients with temporal lobe epilepsy

Erhan Bilir

ID 361 - Remission of ESES after functional hemispherotomy is associated with significant language development

Gudrun Gröppel

ID 399 - Investigation of patients with hippocampal sclerosis associated with unusual epileptic foci

Ebru Nur Vanli- Yavuz

Electromyography, neuromuscular disorders I

Chairs: J. Bednařík, L. Padua

ID 4 - EMG in differential diagnosis of lumbosacral plexopathies

Edvard Ehler

ID 9 - Agreement between clinical and neurophysiologic diagnoses of carpal tunnel syndrome

Vesna Martić

ID 18 - Electrophysiological findings in idiopathic acute polyradiculoneuritis concurrent with myasthenia gravis in a West Highland White Terrier dog

Gabriela-Dumitrita Stanciu

ID 49 - Electrophysiological tests in diagnosis of pelvic floor disorders

Berit Sørensen

ID 86 - The utility of ring finger median-ulnar sensory difference in the early diagnosis of carpal tunnel syndrome

Zahid Kadhim

ID 181 - Does high-pass filtering proposed for concentric needle electrode recording affect the calculated neuromuscular jitter in myasthenia gravis?

Nermin Görkem Şirin

ID 184 - Effect of carpal tunnel syndrome on the ulnar nerve at the wrist: electrophysiologic and ultrasonographic studies

Seung Nam Yang

ID 191 - Normative and cut-off values in carpal tunnel syndrome (CTS) in a afro-caribbean population. echographic study

Alessandro Arrigo

ID 209 - Uncommon variants of Myasthenia Gravis clinical onset in a large retrospective series

Miguel Angel Merino-Ramirez

ID 341 - CRIMYNE 3: Validation of the peroneal nerve test to diagnose critical illness polyneuropathy and myopathy (CIP and CIM)

Patrizia D'Ottavi

ID 371 - Single Fiber EMG in patients with Myasthenia Gravis

Stanislav Vohanka

ID 414 - Electromyographic (EMG) peculiarities of neuromuscular transmission damage in patients with Myasthenia Gravis (MG) and Lambert-Eaton Syndrome (LES)

Nino Khizanishvili

ID 446 - Fatigue in muscular dystrophy and metabolic myopathy

Corrado Angelini

October 2, 2015

Neurological and psychiatric diseases II

Chairs: F. Růžička, K. Pugdahl

ID 3 - Carpal tunnel syndrome in diabetic patients: Clinical, electrophysiological and sonographic study

Hussein sultan

ID 48 - Effects of elbow position on short-segment nerve conduction study of the ulnar nerve

Zhirong Jia

ID 236 - Clinical features of essential tremor

Iuliia Shubina

ID 238 - Personality characteristics of patients with essential tremor

Iuliia Shubina

ID 260 - Cortical plasticity changes induced by the use of multimodal exoskeleton complex in poststroke patients

Alexandra Poydasheva

ID 262 - Small-fibre neuropathy related to bulbar and spinal-onset in patients with ALS

Silvia La Cesa

ID 281 - Impact and added value of electrodiagnosis in neuromuscular disorders

Kirsten Pugdahl

ID 297 - Changes in finger tapping-related desynchronization during motor stroke recovery

János Körmendi

ID 322 - Familial Creutzfeldt-Jakob disease. All night v-polysomnography study

Maria Concepcion Maeztu

ID 339 - Increases and decreases of power of EEG mu rhythm in patients with amyotrophic lateral sclerosis

Janez Zidar

ID 348 - Treatment of patients with sleep disorders after brain trauma

Safonova Natalia

ID 369 - The effects of chronic arsenic exposure on somatosensory pathway

Hitoshi Mochizuki

ID 375 - Abnormal recovery functions of somatosensory evoked potentials in HTLV-1-associated myelopathy
Nobuyuki Ishii

ID 410 - Investigating activity of tongue motor representation in persistent developmental stuttering
Fabrizio Monti

ID 428 - Effect of cognitive task on the maintaining of postural stability in patients with type 2 diabetes mellitus and peripheral neuropathy
Katerina Stambolieva

ID 448 - Brain-guided therapy in post-stroke aphasia
Einat Willmott

Event Related Potentials/oscillations I

Chairs: I. Riečanský, J. Kremláček

ID 44 - Comparison of P300 and MMN protocols in subthalamic nucleus, internal globus pallidus and thalamus. Are these subcortical structures involved in thinking?
Eduard Minks

ID 58 - Fast frontoparietal neural dynamics for the cognitive control of task-switching, as reflected in P3a and P3b
Francisco Barcelo

ID 112 - Both sensory and cognitive networks are affected in Parkinson's disease
Derya Durusu Emek-Savaş

ID 149 - Emotional modulation of CNV in unipolar vs bipolar depression during unconscious cue-picture association
Elena Mnatsakanian

ID 153 - Recognition of social situations in first episode schizophrenia and healthy controls: high-density ERP study
Elena Mnatsakanian

ID 193 - Motion-onset visual evoked potentials can differentiate dyslexics and normal readers at school-age
Zuzana Kubova

ID 218 - Dissociation of sleep quality and cognition in mild cognitive impairment and Alzheimer's disease: evidence from event-related potential study
Li-Min Liou

ID 223 - Impaired visual inhibition in migraine with aura
Giacomo Tondo

ID 252 - Auditory startle reflex (ASR) in ischemic and hemorrhagic stroke
Sara Yagüe Jimeno

ID 261 - Motor cortex plasticity after short-term piano training in adults
Elise Houdayer

ID 389 - Studies of neuronal circuits underlying information processing through late P300 event-related potentials in rats
Abdallah Ahnaou

ID 401 - EEG markers of sleep deprivation's effect in young, healthy adult volunteers
Christopher Leroy

ID 413 - Event related potential signatures of visual working memory
Igor Riečanský

ID 427 - Morphological and functional markers of visual processing in clinically isolated syndrome: correlation study

Jan Kremláček

ID 430 - The value of the P300 event related potential in the ischemic stroke

Mirjana Dejanovic

Neurostimulation (invasive and non-invasive) II TES

Chairs: M. Baláž, C. Perchet

ID 26 - Chronic Enhancement of Serotonin Facilitates Excitatory tDCS Induced Neuroplasticity

Hsiao-I Kuo

ID 42 - Empowering executive functions by neuromodulation (tDCS) in healthy elderly: psychometric and EEG evidences

Davide Crivelli

ID 70 - Cortical inhibition and excitation by bilateral transcranial alternating current stimulation

Andrea Cancelli

ID 75 - Personalizing the electrode to neuromodulate an extended cortical region

Andrea Cancelli

ID 91 - Delineating neurovascular effects of transcranial Direct Current Stimulation (tDCS) using TMS and resting-state ASL perfusion imaging in the Human Motor Cortex

Asif Jamil

ID 151 - Effect of Modulated Anodal Stimulation of Dorsolateral Prefrontal Cortex on Working Memory

Zeynep Küçük

ID 163 - Prefrontal transcranial direct current stimulation in patients with disorders of consciousness - a case series study

Tihomir Ilić

ID164 - TACS over the left dorsolateral prefrontal cortex improves hit rate, but not false alarm rate, in a spatial working memory task

Ivan Alekseichuk

ID 182 - Personality traits could influence permeability of transcranial direct current stimulation in depressed patients

Seyed Ehsan Parhizgar

ID 207 - The effects of tDCS on pain and attention in multiple sclerosis

Moussa Chalah

ID 217 - Transcranial direct current stimulation effects on the ipsilateral proximal upper limb are movement-frequency dependent

Kazumasa Uehara

ID 225 - Stimulating the operculo-insular cortex for pain modulation: crossed evidence from tDCS and intra-cranial stimulation

Claire Bradley

ID 298 - Timing –dependant effects of anodal tDCS on motor memory following pegboard test training

Monica Christova

ID 303 - Transcranial direct current stimulation (tDCS) in patients with frontotemporal dementia

Alberto Priori

ID 367 - The effects of transcranial direct current stimulation (tDCS) on pain in spinal cord injured patients.

Anna Maria Cortese

ID 394 - Polarity Independent Suppression of Long-Term Associative Plasticity in the Human SMA-M1 Network by Simultaneous tDCS

Hanna Faber

Neurophysiological monitoring

Chair: S. Ostrý, V. Deletis

ID 50 - Targeting the pedunculopontine nucleus: SEPs can show the way

Massimiliano Valeriani

ID 84 - EEG monitoring of sleep is important in the detection of dementia-associated epilepsy

András Horváth

ID 97 - Correlations between intraoperative microelectrode recording, microstimulation and macrostimulation with optimal post-operative programming of deep brain stimulation

Victoria Fernández

ID 115 - Near infrared spectroscopy as a seizure detection technology for patients with epilepsy

Jesper Jeppesen

ID 119 - Short-latency Somatosensory Evoked Potentials to median and tibial stimulation recorded by intracerebral electrodes

Stefano Pro

ID 136 - Accidental spinal cord contusions during spine deformity surgeries

María del Mar Moreno Galera

ID 137 - Spinal cord tolerance to antero-posterior and lateral compression: experimental study

Lidia Cabañes

ID 143 - Motor mapping using high-frequency cortical stimulation & emg pickup

Terrance Darcey

ID 171 - The revised Cerebral Recovery Index: a tool for prognostication after cardiac arrest

Marjolein Admiraal

ID 219 - Characteristics of intracerebrally recorded high frequency oscillations and epileptogenic networks

Martin Pail

ID 228 - Combining evoked potentials and EEG reactivity for coma prognosis

Luis Garcia-Larrea

ID 310 - Electromyography to Protect the Facial Nerve during Minimally Invasive Cochlear Implantation

Cilgia Dür

ID 353 - Infralow EEG activity in patients with acute ischemic stroke

Marjanne Piena

ID 377 - Somatosensory evoked potentials as a predictor of clinical outcome after emergent recanalization of internal carotid artery occlusion

Svatopluk Ostrý

ID 400 - Prognostic value of EEG patterns in comatose patients, with minimally conscious state and vegetative state

Tinatin Kherkheulidze

ID 405 - Ultra-long term subcutaneous recording system for EEG surveillance

Jonas Duun-Henriksen

Electromyography, neuromuscular disorders II

Chairs: E. Ehler, A. Fuglsang-Frederiksen

ID 55 - Sensory neuropathy in children presenting with Behr syndrome due to OPA1 mutations

Yann Pereon

ID 72 - Evaluation of polyneuropathy in type 1 diabetes melitus

Yaprak Seçil

ID 106 - Pathophysiological classification of polyneuropathies in different aetiologies

Ajbanis Murtuzova

ID 107 - Two familial amyotrophic lateral sclerosis patients related with C9orf 72 genetic mutation

Yaprak Seçil

ID 113 - Neurophysiology and biopsy of paraspinal muscles in idiopathic scoliosis

Ivana Stetkarova

ID 118 - Compound nerve conduction Z scores for studies of polyneuropathy

Trond Sand

ID 154 - Post exercise decrement in CMAP amplitude and myotonia in Hyperkaliemic Periodic Paralysis

Belia García Parra

ID 200 - The reappearance of F-waves in patients with cervical spinal injury as the criteria of spinal shock ending.

Daria Ivanova

ID 230 - Adult onset acid maltase deficiency - EMG aids diagnosis in Intensive Care Unit

Syed Hyder

ID 266 - Motor unit number estimation in acute inflammatory demyelinating polyneuropathy

Michael Vaeggemose

ID 271 - Acute and chronic electromyographic findings related to survival in amyotrophic lateral sclerosis

Birger Johnsen

ID 285 - Involvement of A-beta sensory fibres in amyotrophic lateral sclerosis

Baris Isak

ID 293 - Evaluation of cognitive functions, electrophysiological findings brain mr and in myotonic dystrophy type 1:

Retrospective analyses

Vildan Yayla

ID 309 - Clinical, electrophysiological and serological evaluation of patients with cramp-fasciculation syndrome

Muruvvet Poyraz

ID 321

Is intraepidermal nerve fiber density a reliable biomarker of progression in painful and painless diabetic polyneuropathy?

Josef Bednařík

ID 392 - Subclinic reinnervation in periocular muscles: high jitter values in diabetic polyneuropathy

Leyla Baysal Kirac

ID 376 - Concentric needle jitter in 57 myasthenia gravis patients

João Kouyoumdjian

October 3, 2015

Neurological and psychiatric diseases III

Chair: L. Krajčovičová, V. Kistsen

ID 7 - Objective background of the refractory epilepsy development founded on structural-metabolic alterations of brain

Volha Kistsen

ID 41 - High Reward Sensitivity as a biomarker of online gambling. A multi-method study on gambling behaviour

Roberta Finocchiaro

ID 67 - Relationship between the presence of n70 and the long-term functional outcome in postanoxic cardiac arrest

Andrea Victoria Arciniegas Villanueva

ID 111 - Neurophysiological features of motor cortex excitability and plasticity in Subcortical Ischemic Vascular Dementia: a TMS mapping study

Andrea Guerra

ID 114

Progressive MCI proved with vMRI shows lower delta ERO than stable MCI at baseline: A longitudinal study

Derya Durusu Emek-Savaş

ID 128 - Effect on Seizure Frequency with Vagus Nerve Stimulation Therapy After Titration of Duty Cycle

Panayiota Myriantopoulou

ID 169 - The evoked sympathetic skin response and autonomic dysfunction in patients with cerebrovascular diseases and metabolic syndrome

Anna Chatskaya

ID 170 - Differences of spontaneous nocturnal neck myoclonus during REM and NREM Sleep. Neurophysiologic assessment with video PSG

Ovidiu Constantin Banea

ID 202 - Characterising seizures in anti-NMDA-receptor encephalitis with Dynamic Causal Modelling.

Gerald Cooray

ID 247 - Cortical modulation of thermal detection and pain thresholds in migraineurs

Martin Uglem

ID 284 - Abnormal delta cortical sources of resting state eyes closed EEG rhythms correlate with cerebrospinal fluid (CSF) β amyloid ($A\beta$) level in amnesic MCI subjects

Giuseppe Noce

ID 286 - Auditory oddball event-related potentials cortical sources are related to cerebrospinal fluid (CSF) β amyloid ($A\beta$) level in amnesic MCI subjects

Susanna Cordone

ID 338 - Retinal Nerve Fibre Layer loss is associated with disease progression in Multiple Sclerosis

Marco Pisa

ID 349 - Dronabinol inhibits nociceptive transmission in humans. A double blind randomized controlled study

Caterina Leone

ID 355 - Comparison of automatic and visual high frequency oscillations detection

Irena Doležalová

ID 356 - Knowledge and attitude of parents towards the first seizure episode in children in Yaounde, Cameroon

Bryan Fulbert N. Tegomoh

ID 357 - Practices of parents towards childhood seizures in an urban cameronian health facility

Bryan Fulbert N. Tegomoh

ID 373 - The Feedback related negativity in ADHD: A meta-analytic review

Astrid Priscilla Martinez Cedillo

Event Related Potentials/oscillations II

Chairs: M. Valeriani, M. Bednář

ID 56 - Fibromyalgia and psychoacoustic stimulation: an EEG study on pain modulation

Irene Venturella

ID 61 - Electrophysiological correlates of experimental pain perception

Florian Chouchou

ID 64 - Involvement of A-delta sensory fibres in amyotrophic lateral sclerosis

Baris Isak

ID 95 - Functional reorganization of brain networks in patients with painful chronic pancreatitis

Massimiliano Valeriani

ID 155 - CO2 versus Nd-YAP lasers: are they really the same?

Elisa Testani

ID 156 - Prolonged inhibitory effect of 1 Hz rTMS of the motor cortex on the nociceptive evoked potentials to contralateral hand stimulation

Elisa Testani

ID 173 - Use of the contact heat evoked potentials for the early diagnosis of diabetic autonomic neuropathy

Hongli Wang

ID 194 - Pain related middle-latency somatosensory evoked potential in the prognosis of post traumatic coma: a preliminary report

Enrico Bosco

ID 212 - Neuromagnetic evidence of reduced functional connectivity of cortical somatosensory network in patients with writer's cramp

Chia-Hsiung Cheng

ID 213 - Comparative study between intra-epidermal electric stimulation and laser stimulation for C-fiber activation. Do we stimulate the same C-fibers?

Koichi Hagiwara

ID 222 - Cortical markers of pain memorisation – A study with intra-cerebral recordings in Humans
Anais Chapon

ID 226 - Inter-individual differences in laser-evoked potentials and operculo-insular morphology
Claire Bradley

ID 246 - Pain-related cortex function in patients with Alzheimer disease. Preliminary results
Giulia Di Stefano

ID 304 - A comparison of the cerebral networks activated by painful and non-painful stimulations in humans: an intra-cerebral recording study
Caroline Perchet

ID 333 - Neurophysiological responses of pain facial expressions: an intracerebral electrophysiologic study
Claire Czekala

ID 383 - On the impact of stimulus intensity on vestibular evoked potentials (VestEPs)
Matthias Ertl

ID 402 - Do cortical regions encoding pain also respond to images of other's pain?
Maud FROT

ID 412 - Modulation of sensorimotor oscillations during observation of pain in others
Igor Riečanský

ID 420 - Are sleep spindles inhibitory for pain? A high-density electrophysiological study

Neurostimulation (invasive and non-invasive) III TMS
Chairs: I. Rektorová, T. Bocci

ID 8 - Repetitive transcranial magnetic stimulation in chronic anxiety and depression
Marc Capobianco

ID 23 - The effect of Transcranial Magnetic Stimulation on electrophysiological parameters in patients with Parkinson's Disease
Aleksandra Kacar

ID 59 - Asymmetric changes of acoustic event-related potentials (AERP) under the influence of repetitive transcranial magnetic stimulation at normal subjects and patients with posttraumatic unconsciousness states (PUS)
Miroslav Kopachka

ID 109 - A data-driven method for TMS pulse artefact reduction from EEG data: ICA-D
Leo Tomasevic

ID 121 - Characterization of movement induced by single focal Transcranial Magnetic Stimulation
Roberta Arca

ID 131 - The use of continuous theta-burst repetitive transcranial magnetic stimulation in the treatment of acute ischemic stroke
Aysun Soysal

ID 134 - Transcranial magnetic Stimulation in Medication Overuse Headache: A new approach?
Jacopo Fantini

ID 190 - Treatment of depersonalization disorder with high frequency left-sided repetitive transcranial magnetic stimulation

Marc Capobianco

ID 197 - Altered recovery from inhibitory repetitive transcranial magnetic stimulation (rTMS) in subjects with photosensitive epilepsy

Tommaso Bocci

ID 211 - Can rTMS be Useful in the symptomatic treatment of cortical basal ganglionic degeneration?

Zeliha Matur

ID 232 - Assessment of the impact of segmental magnetic stimulation on different parts of the nervous system

Vera Blokhina

ID 243 - Enhancement of cortical excitability in stroke patients after combined repetitive transcranial and peripheral magnetic stimulation

Nataliia Skachkova

ID 248 - Therapeutic role of repetitive peripheral magnetic stimulation in carpal tunnel syndrome

Amira El Gohary

ID 278 - Motor cortical disinhibition is more pronounced in Progressive Supranuclear Palsy than in Parkinson's disease: evidence from TMS

Mario Fichera

ID 295 - Deep repetitive transcranial magnetic stimulation with the H-coil in Alzheimer's disease: A placebo-controlled, double-blind study

Elisabetta Coppi

ID 300 - Cortical excitability and connectivity in early RRMS using TMS-EEG

Carl Zipser

ID 314 - Dissociating arithmetic processes in the parietal cortex using repetitive transcranial magnetic stimulation

Shane Fresnoza

ID 409 - Transcranial magnetic stimulation in refractory ncse: personal experience and future studies

Fabrizio Monti

ID 416 - Motor cortex stimulation for chronic pain relief using repetitive magnetic stimulation (rTMS): 20 Hz versus Theta-Burst, which is better?

Taïssia Odile Guylène Lelekov-Boissard

ID 510 - Routing of olfactory inputs to the brainstem raphé nucleus

Magor Lőrincz

Neurophysiological signal analysis and modeling

Chairs: M. Rakusa, J. Kremláček

ID 15 - Automatic classification of epileptic EEG graphoelements with supervised and unsupervised learning algorithms

Vladimir Krajca

ID 31 - Impact of magnetoencephalography on the decision made by the Danish multidisciplinary epilepsy surgery team

Sándor Beniczky

ID 78 - A computational model of regional personalized electrodes to select transcranial electric stimulation target

Carlo Cottone

ID 104 - Speech artifacts removal from EEG recordings during overt picture naming: comparison across different methodological approaches

Camillo Porcaro

ID 117 - Effective connectivity differences between control and dyslectic children based on DBN modeling

Ilkay Ulusoy

ID 125 - Cortical brain connectivity evaluated by graph theory in dementia: a correlation study between functional and structural data

Fabrizio Vecchio

ID 126 - Cortical connectivity and lesion volumes correlation in acute stroke patients: a study via graph theory from EEG data

Fabrizio Vecchio

ID 127 - Small world characteristics of cortical connectivity in acute stroke

Pietro Caliandro

ID 129 - EEG characteristics in “eyes open” vs “eyes closed” conditions: small world network architecture in healthy aging and age-related brain degeneration

Francesca Miraglia

ID 227 - Evidence-based modelling of nociceptive laser-evoked potentials

Claire Bradley

ID 274 - Separating idea from the action: a standardized low-resolution brain electromagnetic tomography (sLORETA) study

Martin Rakusa

ID 290 - Differences in sleep microstate curves among healthy sleepers and patients after stroke

Zuzana Rostakova

ID 326 - Functional connectivity alterations and their relation to pathophysiological changes in mild cognitive impairment

Eva Bujnošková

ID 345 - “What”, “When”, “Whether” - the electrophysiological correlates of voluntary action in virtual environment

Konrad Stanek

ID 382 - Electrophysiological evaluation of emotional expressions in the facial transplantation patients

Hilmi Uysal

ID 393 - Effective connectivity model for multichannel ERPs in visual oddball paradigm

Elena Mnatsakanian

ID 431 - A novel method for the diagnosis of photosensitive epilepsy based on the phase-locking of evoked gamma-band magnetoencephalographic oscillatory brain responses

Nick Tsarouchas

Electromyography, neuromuscular disorders III

Chairs: S. Voháňka, J. Partanen

ID 57 - End plate spikes or fusimotor spikes

Juhani Partanen

ID 80 - Comparison of surface recording and near nerve technique in diagnosis and localization of ulnar nerve entrapment neuropathy

Steffen Fuchs

ID 89 - Electrophysiologic changes in patients with untreated primary hypothyroidism

Demet Ilhan Algin

ID 103 - Regional differences in axonal excitability along the distal median nerve

Jong Seok Bae

ID 135 - Diagnostic yield of single fibre electromyography

María del Mar Moreno Galera

ID 165 - Evaluation of jitters from neuromuscular junction and near tendon with concentric needle electrode

Hava Ozlem Dede

ID 198 - Review of results of SFEMG performed with concentric needle in a large tertiary hospital

Roberto Sans-Boza

ID 257 - The utility of the duration of sural nerve sensory action potential in classification of polyneuropathies

Rikke Heide Rasmussen

ID 263 - Effects of short-term vibration on mixed nerve silent period

Şenay Aydın

ID 270 - Nerve ultrasound findings in cmt neuropathy

Luca Padua

ID 323 - Shortening of the cutaneous silent period duration in tibialis anterior after fatiguing eccentric exercise

Ovidiu Constantin Banea

ID 344 - Unreliability of MCV slowing across the elbow (AE) in patients with and without clinical evidence of ulnar neuropathy at the elbow (UNE)

Kulan Nagendran

ID 346 - Transthyretin familial amyloid polyneuropathy (TTR-FAP): efficacy of liver transplant versus tafamidis in nerve fiber function

José Castro

ID 351 - Prognostic significance of A-waves as an isolated abnormality of nerve conduction studies

Eva Vlckova

ID 397 - EMG and clinical outcome of Leechavenvong's transfer, preliminary results

Stepanka Brusakova

ID 417 - Dysphagia in Myotonic Dystrophy type 1: preliminary results of an integrated neurophysiological and swallowing protocol

Manuela Zardoni

ID 418 - Electromyographic investigations in patients who has an addiction to sentetic cannabinoid

S.Meral Çınar