

**Giovedì 27 novembre 16:15 – 17:45 Comunicazioni sessione poster 1**

Moderatori: A. Grippo- M. De Tommaso

- 1-Caravaglios Giuseppe:** Patients with mild cognitive impairment have an abnormal upper-alpha event-related desynchronization/synchronization during a task of temporal attention
- 2-Cobelli Chiara:** Visuospatial attention in cerebral palsy: an eye movement study
- 3-Cortesi Livia:** Motor imagery, movement observation and movement execution: cerebral hemodynamic patterns in fNIRS
- 4-De Lucia Maria Caterina:** Attentional dysfunction after cerebellar stroke: a P300 case report
- 5-De Lucia Maria Caterina:** Psychophysiological aspects in DiGeorge syndrome: psychotic risk and ERPs correlates.
- 6-Finocchiaro Roberta:** Reward system, metacognitive control and ERP effect in gambling behavior
- 7-Fossataro Carlotta:** Defensive responses in brain-damage patients with pathological embodiment of someone else's body part
- 8- Fossataro Carlotta:** Hand Blink Reflex modulation during a voluntary movement
- 9-Giovannelli Fabio:** Event-related potential correlates of word recognition memory in patients with coronary artery disease
- 10-Grippa Elisabetta:** Hemodynamic responses (fNIRS) and EEG modulation of prefrontal cortex during emotion processing
- 11-Iacovelli E:** Spatial attention effect on SEP components and their dipole sources differentiates migraine children with imploding pain from those with exploding pain
- 12-Lecci Giovanni:** Responsiveness to the emotion and autonomic measures in syncopal profile. A preliminary study
- 13-Masi Matteo:** Personality and fear learning: a correlation study with healthy human participants
- 14-Pagano Silvia:** Neural correlates of multiple object processing in healthy aging
- 15-Pinzani Ioris:** Effects of un-neurotic psychotherapy sessions in electroencephalographic synchrony

**16-Rizzi Ezia:** Alpha-rhythm signs of time-related inhibition of visual attention orienting during cue-target spatial processing as indexed by EEG Wavelet analysis

**17-Virgillito Alessandra:** A method for automatic REM sleep segmentation

**Venerdì 28 novembre 13:30 – 14:30 Comunicazioni sessione poster 2**

Moderatori : F. Fattapposta – A. Amantini

**1-Angelini Antonella:** Use of rTMS in the treatment of Primary Progressive Aphasia (PPA)

**2-Barchiesi Guido:** Interactions between motor simulation and action pre-selection during action observation

**3- Berchicci:** Stimulus- or Movement-Locked Cortical Potentials? Similarities and differences.

**4-Bisio Ambra:** Action observation combined with peripheral electrical nerve stimulation increases motor efficiency

**5-Bocci Tommaso:** Spinal Direct Current Stimulation modulates short intracortical inhibition in humans

**6-Cattaneo Luigi:** Inter-hemispheric interactions between brain stimulation procedures in a highly lateralized brain function.

**7-Corsi Nicole:** Nocebo-induced changes of corticospinal excitability: a TMS study

**8-Della Gatta:** The effect of the rubber hand illusion on motor cortex excitability.

**9-Fertonani Anna:** A report of transcranial electrical stimulation induced sensations.

**10-Galetto Valentina:** Transcranial direct current stimulation (tDCS) and cognitive training in traumatic brain injured patients: focus on divided attention and its neural correlates

**11-Giovannelli Fabio:** Motor cortex excitability during linguistic and non-linguistic tasks in spasmodic dysphonia

**12-Mannarelli Daniela:** Cognitive vulnerability to levodopa therapy in ataxia-telangiectasia patients: a psychophysiological study

**13-Mannarelli Daniela:** Prefronto-cerebellar tDCS improves cognition in euthymic bipolar patients: preliminary neuropsychological and neurophysiological (P300) findings

**14-Mauri Piercarlo:** Bursts of high frequency random noise stimulation (tRNS) increase arousal in a discriminative reaction time task.

**15-Rodella Claudia:** Reduced current spread by concentric round electrodes in transcranial direct current stimulation (tDCS)

**16-Stagni Fiorenza:** Treatment with Epigallocatechin Gallate rescues neurogenesis and neuron maturation in the Ts65Dn mouse model of Down syndrome

**17-Tatti Elisa:** The role of high-gamma motor cortex oscillations on visuomotor coordination chronometry: a tACS study.

**18-Ubaldi Silvia:** Rule-dependent and stimulus-dependent visuomotor mappings: combined repetitive TMS/fMRI studies of functional connectivity of the lateral prefrontal and parietal cortices.

**19-Leanza Federica:** Advertising and consumer preference in Neuromarketing: rTMS and individual trait effects on decision-making

**20-Marzi Tessa:** The many faces of attractiveness: One-night stand or a long-term relationship? Insights from ERPs

**Venerdì 28 novembre 14:30 – 15:30 Comunicazioni sessione poster 3**

Moderatori. F. Brighina – A. Mado Proverbio

**1-Delussi Marianna:** Nociceptive blink reflex habituation biofeedback in migraine: a randomized control trial

**2-Montemurno Anna:** Laser evoked potentials habituation in irritable bowel syndrome

**3-Ricci Katia:** Sound-induced flash illusion in migraine patients

**4-Pro Stefano:** Short-latency somatosensory evoked potentials to median and tibial stimulation recorded by intracerebral electrodes

**5-Pro Stefano:** Correlation between abnormal brain excitability, anger management and anxiety in migraine children

**6-Testani E:** Prolonged inhibitory effect of 1 Hz rTMS of the motor cortex on the nociceptive evoked potentials to contralateral hand stimulation

**7-Valeriani Massimiliano:** Functional reorganization of brain networks in patients with painful chronic pancreatitis

**8-Vecchio Eleonora:** Brain network analysis during verbal suggestion of placebo and nocebo effect in migraine

**9-Vecchio Eleonora:** Effects of primary motor area and left dorsolateral prefrontal cortex transcranial direct current stimulation on laser evoked potentials in migraine patients and normal subjects

**10-Venturella Irene:** Neurostimulation and pain perception: a TMS/EEG study

**Venerdì 28 novembre 14:30 – 15:30 Comunicazioni sessione poster 3**

**Sessione Neuroestetica**

Moderatori: M. Balconi – M. de Tommaso – M. Valeriani

**1-Boccia Maddalena:** Why do you like Arcimboldo's? Effect of perceptual style on aesthetic appreciation of ambiguous artworks

**2-Era Vanessa:** Are negative emotions the key for everyday beauty appreciation? A subliminal emotional prime study

**3-Leanza Federica:** Preference, reward mechanisms and prefrontal cortex activation in multimedial artefacts.

**4-Orlandi Andrea:** Dance expertise modulates the visuomotor processing of complex body movements

**5-Schiavi Susanna:** The role of extrastriate area V5/MT in aesthetic appreciation of visual art

**6-Vanutelli Elide:** Reward mechanisms in processing highly emotional artifacts. A multi-method study by fNIRS, EEG and autonomic measures

**7-Vecchiato Giovanni:** Electroencephalographic signatures of aesthetic experience during the perception of interior designs in a virtual reality CAVE system

**8-Venturella Irene:** Hedonic experience of musical artifacts and relaxation affect pain perception: an example applied to Fibromyalgia

**Giovedì 27 novembre 14:00-16:00 Comunicazioni orali 1**

Moderatori M. Cincotta – MP Viggiano

**1-Bagattini Chiara:** No causal effect of left hemisphere excitability in the genesis of neglect

**2-Bove Marco:** Psychophysics and cortical source analysis of movement illusions induced by vibratory stimulation

**3-Casula Elias:** TMS-EEG decay artifact: a new adaptive algorithm for signal detrending

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**4-Crivelli Davide:** Neuromodulation (tDCS) effect on executive functions in healthy aging. Clinical and EEG evidences

**5-Di Russo Francesco:** Beyond the “Bereitschaftspotential”: Action anticipation and cognitive functions.

**6-Mento Giovanni:** Spatiotemporal neurodynamics underlying internally- and externally-driven temporal prediction: a high spatial resolution erp study.

**7-Garbarini Francesca:** Phantom learning: intermanual transfer of sequence learning in an amputee with phantom limb

**8-Pirulli Cornelia:** Sensory memory in physiological and pathological aging indexed by the mismatch negativity

**9-Santarnecchi Emiliano:** The Smarter, the Stronger: Intelligence Level Correlates With Brain Resilience To Systematic Insults

**10- Ubaldi Silvia:** Rule-dependent and stimulus-dependent visuomotor mappings: combined repetitive TMS/fMRI studies of functional connectivity of the lateral prefrontal and parietal cortices.

**Sabato 29 novembre 10:30-11:45 Comunicazioni orali 2**

Moderatori: L. Craighero – E. Ricciardi

**1-Bocci Tommaso:** Cerebellar Current Stimulation modulates pain perception in humans

**2-Pierguidi Lapo:** Directed forgetting for faces: the role of inhibition and contextual information

**3-Tacchino Andrea:** Brain activity during mental imagery in Multiple Sclerosis

**4-Di Rollo Andrea:** A no-stimulus/no-response P3: fMRI meets EEG. A preliminary report

**5-Pavone Francesco:** Fast-muscle contraction as a proxy to embodiment and BCI-control in Tetraplegia: An EEG study in immersive virtual reality

**6-Vincitore Premio Neuroestetica**