



UNIVERSITÀ
DEGLI STUDI
DI PADOVA



UNIVERSITÀ DEGLI STUDI
DI MILANO-BICOCCA

Forty-Third European Workshop On Cognitive Neuropsychology:

An interdisciplinary approach

Accademia Cusano

Bressanone, Italy

26-31 January 2025

SUNDAY, 26 January

16.00-18.30 Reception desk at Hotel Albero Verde
Via Stufles, 11

18.30 Welcome party at Hotel Albero Verde

MONDAY, 27 January

15.00 Welcome address: F. DENES
(Padova, Italy)

GUEST LECTURES

15.20 FRANCESCA HAPPÉ (London, UK)
'A bit autistic': Do autism and 'high autistic traits' share socio-cognitive underpinnings?

16.15 Floor discussion

16.25 Coffee break

17.10 EWCN Prizes: ceremony and oral presentations

SILVANA LOZITO (Rome, Italy; Paris, France)

Functional anatomy of conscious perception: a comparison of intracerebral and surface EEG

ANNAHITA SARRE' (Paris, France)

Seeing speech: Differential contribution of the Extrastriate Body Areas during Cued Speech perception

17.40 ALFONSO CARAMAZZA (Cambridge, USA)
You have to break it to see inside: the unparalleled value and practical limits of Cognitive Neuropsychology.

18.30 Floor discussion

18.40 General discussion

TUESDAY, 28 January

PLENARY SESSION:
Metacognition and social cognition:
common ground or false equivalence?
(organized by S. Fleming, London, UK)

15.00 VICTORIA SOUTHGATE (Copenhagen, Denmark)
The self and the other in early social cognition

15.40 Floor discussion

15.50 MARCO WITTMANN (Oxford and London, UK)
Self-other mergence and information compression in prefrontal cortex

16.30 Floor discussion

16.40 Coffee break

17.25 JOE BARNBY (London, UK)
A self divided cannot stand – a computational approach to understanding social generalization and integration in health and disorder

18.05 Floor discussion

18.15 General discussion
STEPHEN FLEMING (London, UK) – Discussant

21.00-23.00 Small groups/Poster discussion

WEDNESDAY, 29 January

PLENARY SESSION:
Scaling-up the numbers: from mapping single lesions to predicting individual brain disorders (organized by S. Weis, Düsseldorf, Germany)

- 15.00 SUSANNE WEIS (Düsseldorf, Germany)
Introduction
- 15.10 PATRICK FRIEDRICH (Jülich, Germany)
Unleashing machine learning for studying neurological and psychiatric disorders
- 15.50 Floor discussion
- 16.00 STEPHANIE FORKEL (Nijmegen, The Netherlands)
Exploring the Human Disconnectome
- 16.40 Floor discussion
- 16.50 Coffee break
- 17.30 PARASHKEV NACHEV (London, UK)
Multi-modal deep generative modelling of brain imaging and cognition
- 18.10 Floor discussion
- 18.20 General discussion
MICHEL THIEBAUT de SCHOTTEN (Bordeaux, France) - Discussant
- 21.00 Social Event at Hotel Albero Verde –
Via Stufles, 11

THURSDAY, 30 January

PLENARY SESSION:
Music as a window into human cognitive
neuropsychology (organized by A.
Ravignani, Roma, Italy)

- 15.00 DANIELE SCHÖN (Marseille, France)
Music as window into language
processing and rehabilitation
- 15.40 Floor discussion
- 15.50 MASSIMO LUMACA (Aarhus, Denmark)
How the human brain creates rhythmic
structure in music transmission
- 16.30 Floor discussion
- 16.40 Coffee break
- 17.25 GIACOMO NOVEMBRE (Roma, Italy)
Music as a universally accessible platform
for social interaction
- 18.05 Floor discussion
- 18.15 General discussion
ANDREA RAVIGNANI (Roma, Italy) –
Discussant
- 21.00-23.00 Small groups/Poster discussion

FRIDAY, 31 January

PLENARY SESSION:

Our divided brain: Theoretical and clinical considerations of brain functional asymmetry (organized by G. Vingerhoets, Ghent Belgium)

- 15.00 GUY VINGERHOETS (Ghent, Belgium)
Phenotypes of brain functional organization: Population bias and individual variability
- 15.40 Floor discussion
- 15.50 ANNAKARINA MUNDORF (Hamburg, Germany)
Clinical implications of brain lateralization in psychiatric, neurodevelopmental, and neurological conditions
- 16.30 Floor discussion
- 16.40 Coffee break
- 17.25 CHRIS McMANUS (London, UK)
Lateralized cerebral polymorphisms: modelling their phenotypic and genetic architectures
- 18.05 Floor discussion
- 18.15 General Discussion
GUY VINGERHOETS (Ghent, Belgium) – Discussant

POSTER SESSION

Posters will be displayed starting Monday 27th, at 2:00, p.m. and will remain available for the entire duration of the meeting.

Selected oral presentations will take place at 9:00 p.m. on Tuesday 28th and Thursday 30th at Accademia Cusano.

AHMADI GHOMROUDI, SCALTRITTI, MONACHESI, WONGUPPARAJ, JOB, GRECUCCI: EEG Based Decoding of the Perception and Regulation of Taboo Words

AMALRIC, SPELKE, PIAZZA: Representations matter in children's understanding that " $2 \times 3 = 3 \times 2$ "

ANCKAERT, PEIGNEUX, GEVERS: Sleep Deprivation Increases Belief Change and Suppresses Confirmation Bias in Decision Tasks

ARBIZU, CANNON, JEZIOR, DE MARCELLUS, FURET, SOUBIELLE-FOURIE, FERRIEUX, VALERO-CABRÉ, TEICHMANN: Perceptive verb processing in primary progressive aphasia – involvement of grammatical categories & movement-semantics and posterior temporal-parietal regions

ARENA, SCARANO, ASCENSION, PEÑATE, RIVERO, MARRERO, OLIVARES, ÁLVAREZ-PÉREZ, BETHENCOURT, GRECUCCI: Grey and white matter contributions to Obsessive Compulsive Personality disorder: a data fusion Machine Learning approach

ARRIGONI, GUIDALI, PISONI: Anticipatory modulations of SMA connectivity during action preparation: a TMS-EEG study

BALDASSARRE, GRANDE, DIGIOVANNI, SENSI, COMMITTERI: Brain circuits of acute peripersonal neglect: a literature-based lesion network mapping study

BARAN, BADOWSKA, CIPORA, HOHOL: Magnitude discrimination and its stability in House cricket (*Acheta domesticus*)

BELKHIR, GARCEA, NAVERRETE, CHERNOFF, SIMS, HABER, MALLELA, PEASE, GONZALEZ-MARTINEZ, AMANKULOR, PILCHER, MAHON: Causal parametric mapping of language using direct electrical stimulation during awake brain surgery

BELLIN, MENARDI, SIMSEK, VALLES: The role of language regions in predicting high order cognitive functions: beyond traditional views of functional specialization

BERNI, DEVOTO, MARIANO, GORNETTI, GARGIULO, ZAPPAROLI: Today's menu offers: The influence of appetite and stimulus' valence on implicit and explicit Sense of Agency

BERTAGNOLI, PACELLA, DANESE, BULGARELLI, GOBBETTO, RICCIARDI, MORO: The behavioral and neuroanatomical core of the Anarchic Hand Syndrome in three patients

BLESER, FINK, MENGOTTI, VOSSSEL: Updating of false prior in volatile environments

BONANDRINI, MARELLI: Creating novel words with a desired meaning: human evaluation of a Semantic Pseudoword Creator

BORGOMANERI, PERÒ, ARLATI, LENZI, QUETTIER, BATTAGLIA: Cortico-Cortical Paired Associative Stimulation to Enhance Action Control: Towards a Novel Therapeutic Approach

BOURLON, SILVESTRI, COLLE, DURET, BARTOLOMEO, LUNVEN: Exploring the relationship between executive function deficits and unilateral spatial neglect

BURZLAFF, SHAMS, ROLFS, RYBKA, PICHT: Preoperative Cognitive Overload in Glioma Patients: Subjective Experience, Neural Correlates, and Effects on Quality of Life

CARA, CANINI, OPRANDI, PECCO, CAVORETTO, CANDIANI, FALINI, BALDOLI, TETTAMANTI, DELLA ROSA: Resting-state functional connectivity in fetuses couples with familial risk and prenatal speech exposure in longitudinally predicting early postnatal language abilities.

CARIOTI, PARISI, LOCA, CORIGLIANO, BASSO, AROSIO, STUCCHI, GUASTI, DELLA ROSA, BERLINGERI, TETTAMANTI: "Searching for early cognitive and neural biomarkers of Developmental Dyslexia: a longitudinal study on children with familial risk."

CASADIO, BALLOTTA, ZANELLI, RICCI, CORNI, BARDI, LUI, MOLINARI, BENUZZI: Sniffing Out Alzheimer's: How Smell and Neural Changes Predict Disease Progression

CAZZOLI, KAUFMANN, RÜHE, GEISER, NYFFELER: Visuospatial neglect incidence in an unselected one-year acute stroke cohort: assessment and stroke characteristics

CENTO, GAMMERI, CIORLI, PIA, BERTI, RICCI: When boundaries blur: shading the difference between self and familiar others through vestibular stimulation

CERASETTI, DE MAIO, BERTOLOTTI, SCARPA, AMARYLLIS, SQUARZA, TASSI, CARDINALE, PIANO, BOTTINI, SALVATO, BERLINGERI: The role of the hippocampus in Memory Binding: evidence from patients with drug-resistant epilepsy and hippocampal sclerosis

CHENAIN, TITEUX, MORGADO, YOUSOV, CLAVEL, BACHOUD-LÉVI: Emotional speech and its association with psychiatric symptoms in Huntington's Disease

CHESI, BARBINI, PICCINI BIANCHESSI: Recurrent Neural Networks are better for modeling non-fluency

CIACCIO, WEIßGERBER, PULVERMÜLLER: A German Norms Database on Sensorimotor, Affective, Social, and Interaction Dimensions for Analyses of Brain Data

CINETTO, VANNI, ZANGROSSI, CORBETTA, ZORZI: A novel closed-loop paradigm for restoring normal visual exploration patterns in stroke patients

CIRILLO, ZAVATTARO, GAMMERI, SERRA, CENTO, MANGANARO, RICCI, BERTI: The role of multisensory integration and body ownership in generating non-veridical tactile experiences in Virtual Reality

CIZMAN STABA, REPOVS, PERIC: Medication Sorting Task: Assessing Cognitive Processes and Clinical Utility in Individuals with Acquired Brain Injury

COLAUTTI, ANZUINO, GIOVAGNOLI, SILVERI, ELIA, ANTONIETTI: Exploring divergent thinking in patients with Parkinson's disease: A meta-analysis and an empirical study

CREVILLEN, LENGGENHAGER, GENTILE, ZAPPAROLI, MEATTINI, SAETTA, CROSS: "Virtual Reality Simulation of Prosthesis Embodiment: A Multimodal Investigation examining Gaze Behavior and Sense of Agency"

CRISTOFORETTI, VIGANO', BOTTINI: Categorical and temporal partitioning of visual space during retrieval of concepts from memory

CROTTINI, GORRINO, MATTAVELLI, BOTTINI, SALVATO: Skin temperature changes in response to bodily self-awareness modulation through mirror-box illusion: an EEG and thermal imaging study

CULOT, ENGELSCHENSCHILT, NOTEBAERT: From Heartbeats to Errors: Investigating the link between Interoceptive Awareness and Error Detection

D'ANGELO, LANFRANCO, CHANCEL, EHRSSON: Parietal alpha frequency shapes own-body perception by modulating temporal integration of bodily signals

DAL LAGO, OTTOBONI, MARZOCCHI, TESSARI: Perceiving the Body Differently: Cognitive Processing and Muscle Dysmorphia Tendencies

DANESIN, D'ESTE, BARRESI, PIAZZALUNGA, DI GARBO, SEMENZA, BOTTINI, OLIVERI, BURGIO: Combining prismatic adaptation and digital cognitive training: preliminary evidence on cognitive and

biological effects in patients with mild cognitive impairment

DE LUCA, ILARDI, DOLCE, REGA, DI FUCCIO, RUBINACCI, GALLUCCI, MARANGOLO: Using Tangible User Interfaces (TUI) in children with autism spectrum disorders: Preliminary evidence on language comprehension.

DE RIJCK, GEVERS: The impacts of reactivity to confidence ratings on belief updating

DEVOTO, MARIANO, GORNETTI, PAULESU, ZAPPAROLI: Trait food craving predicts functional connectivity between dopaminergic midbrain and the fusiform food area during eating imagery

DOLFEN, SCHUCK, FIAS, DAVACHI: Detection of waking neural replay after sequence learning using dynamics of fMRI rest patterns

DORICCHI, LO PRESTI, LOZITO, LASAPONARA: Exploring the Space Number Association (SNA) in humans with reward tasks

DULYAN, TALOZZI, PACELLA, DE SCHOTTEN, FORKEL: The magnitude of brain anatomical variability

FACCI, SANDRINI, GANDOLA, BOTTINI: Attentional functioning in healthy elderlies and aMCI patients: results from the ANT with a focus on gender

FRANCA, CAPUZZI, CALDIROLI, TOMASINI, BERTOLI, BOLOGNINI: Decoding Emotions Through the Eyes: Insights from Schizophrenia Spectrum Disorders

GASHAJ, ESCRICHS, DECO: Developmental Changes in Brain Connectivity and Their Role in Numerical Cognition

GERRITS, VINGERHOETS: Does Reduced Hemispheric Asymmetry for Word Generation Generalize to Other Language Processes?

GOBBO, ROMANO: Cognitive warmup can enhance cognitive state: a behavioural pilot study

GOTTSCHESKY, WEIS, EICKHOFF, FRIEDRICH: Sex-specific associations of loneliness and depression.

GRANDE, CIAVARRO, BALDASSARRE, DI RUSSO, COMMITTERI, ESPOSITO: Awake surgery insights into language circuits through DES-derived Lesion Network Mapping

GRECUCCI, SCARANO, FUMERO, RIVERO, MARRERO, OLIVARES, ÁLVAREZ-PÉREZ, PEÑATE: The two sides of Phobos: Grey and white matter abnormalities in phobic individuals

GUARNUTO, CORTINOVIS, BRACCI: From Objects to Ensembles: How Scene Clutter Modulates Animacy and Size Representations in the Visual Ventral Stream

GUIDALI, ARRIGONI, BOLOGNINI, PISONI: M1 Large-scale Network Dynamics Support Human Motor Resonance and Its Plastic Reshaping

HAGGARD, CATALDO, BERES, GOMI: Self-touch updates models for spatial perception

HAIKUK, POPESCU: Operationalising predictive dynamics of song and speech by information-theoretic viewpoint networks

HAMAN, GOLEC-STASKIEWICZ, JUDYCKA, KIELAK, PTASZYŃSKA, WYSOCKA, PLUTA: An fNIRS study of spontaneous false belief test processing in 3- to 5-year-old typically developing children and children with older siblings diagnosed with ASD

HE, LIU, SPAGNA, FRAZZINI, LEHONGRE, NAVARRO, BARTOLOMEO: Comparing intracerebral recordings of visual mental imagery and visual perception

HOHOL, OBIDZIŃSKI, BAŻELA: More gist, better math: Fuzzy trace theory-based investigation of the relationship between long-term memory and mathematical skills

HUANG, GERRITS, FIAS: Identifying hemispheric lateralization of verbal and spatial working memory using functional transcranial Doppler sonography

HUBER-HUBER, DE LANGE: Active vision changes how we see

IVANCHEI: Cognitive and physiological markers of learning and confidence in probability learning tasks

JUBIN, BACHOUD-LEVI, VILLAIN, JACQUEMOT: Effect of specific and intensive language rehabilitation on post-stroke aphasia using the eCALAP: a single case experimental design.

JÜCHTERN, LORENTZ: Unified Model of Visuo-Motor Processing with Ventral-to-Dorsal Substream Gradient

KAUFMANN, PASTORE-WAPP, BARTOLOMEO, GEISER, NYFFELER, CAZZOLI: What is "left"? Linking White Matter Connectivity to Poststroke Neglect Recovery

KIEFFER, PTITO, AUGENSTEIN, LAUSBERG: The role of the left hemisphere in bimanual gestural depiction of spatial scenes – an investigation of hemispherectomy individuals

KLEIN, JANSSEN, JUNG: Biases in online vs. paper-pencil number line tasks in older adults

KOBAL, CANKAR, MELIK: Progressive autonomic decline in HD correlates to worsening of Luria 3 step test execution

KUHLES, THIES, BARBE, EICKHOFF, CAMILLERI, WEIS: Prediction of depression in Parkinson's disease by prosodic speech features

LA CORTE, YAVUZ, KECH, PIOLINO, SPERDUTI: Timing of warnings in the DRM paradigm: effects on false memory reduction in young adults

LASAPONARA, LO PRESTI, BONAVIDA, PIGA, DORICCHI: Decoding Belief Dynamics in the Brain: An ALE Meta-Analysis of Neural Correlates in Belief Formation and Updating

LATTANZI, PITT, SIGISMONDI, CRISTOFORRETTI, BOTTINI: Multidimensional Spatial Memory in Blind and Sighted People

LAUSBERG, HOGREFE: Communicative gesture production in individuals with right and left hemisphere damage

LIVOTI, BONACINA, GANDOLFI, MARCANTE, ORTOLANI, BONATO: Unveiling Spatial Asymmetries: Insights from Dual-Task Paradigms in Unilateral Stroke and Parkinson's Disease Patients

LO PRESTI, LASAPONARA, LOZITO, DORICCHI: Magnitude processing of non-symbolic numerosity does not induce lateral shifts of attention (even taking into account directional counting habits)

LOZITO, LIU, LASAPONARA, LEHONGRE, NAVARRO, MALKINSON, DORICCHI, BARTOLOMEO: Functional anatomy of conscious perception: a comparison of intracerebral and surface EEG

LUNARDON, CERNI, ZANON, RUMIATI: Physiological correlates of numeracy in higher education

MARCHIORO, TABARELLI, CURRÒ, SMITH, MINIUSSI, CATTANEO, DODICH, BRACCI, TURELLA, MONACO: From vision to somatosensation: an MEG study on cross-modal processing of grasp-related visual objects properties.

MARIANO, KUSTER, TARTUFOLI, ZAPPAROLI: How physiological ageing shapes sense of agency

MARSON, LOCA, CIAPPARELLI, MARELLI: Context-based learning of linguistic chimeras: an EEG study on the integration of novel semantic representations from minimal exposure to text

MARTINELLI, RISSO, FACCI, BASILICO, KONIK, BERTONI, MASTRIA, GANDOLA, SERINO, BASSOLINO, BOTTINI: Body representations disturbances in cortico-basal syndrome beyond the alien limb: insights from a single case study.

MATTES, SOUTSCHEK: dmPFC Stimulation Causally Affects Metacognitive Bias but not Mentalising

MEMIS, YILDIZ, FINK, WEIDNER: Hidden Size: Size Representations in Implicitly Coded Objects

MENTEC, IVANCHEI, TURPIN, CLEEREMANS: The structuring role of (micro-)valence in conscious perception: Insights from Similarity Judgments and Deep Learning Models

MOELLER, THOMA, BAHNMUELLER: Same or Different? Understanding Equivalent Fractions

MONACHESI, MAUTI, TACCARI, RUMIATI: Neural Mechanisms of Cognitive Reserve in Aging: An fMRI Task-Based Research Review

MONTAÑA-VALVERDE, LINKE, SLUŠNÁ, MUCHART-LÓPEZ, DECO, HINZEN: Brain function in language and associated networks in non- or minimally verbal children

MOREEL, GERRITS, FIAS: Detecting lateralization of arithmetic with functional transcranial Doppler sonography: A failure to replicate

MUSCO, TOMASETIG, PAULESU, SACHELI: Action prediction over and above mere action observation

NELLI, CAMILLO, NOBILE, MAPELLI, BERLINGERI: Mental Time Travelling and the Construction of past and future autobiographical episodes: a meta-analytic study

NOTEBAERT, DENUL, LOEYS, POURTOIS: Social post-error adaptations in basketball

NURISLAMOVA, LI, EICKHOFF, WEIS: Whole brain functional connectivity profiles during naturalistic viewing

ORTAME, PELLEGRINO, PAOLETTI, BARBERO, MACRÌ, SANTANGELO, GLICKSOHN, CARDUCCI, BEN-SOUSSAN: Behavioral and electrophysiological effects of meditation retreats: a feasibility study in ecological settings

PACELLA, THOMPSON, SCANDOLA, NOZAI, PIZZAMIGLIO, DE SCHOTTEN, ROUNIS: Unveiling white matter disconnections underlying deficits in praxis in left hemisphere stroke patients

PATANÉ, BAGGIO, FERRANTE, BIZZEGO, CHANG, SCARANO, GRECCUCCI: Neural and Social Responses to Unpredictable Anxiety-Inducing Sounds

PELLEGRINO, ORTAME, MARSON, LASAPONARA, ROMANO, GLICKSOHN, DORICCHI, PAOLETTI, CARDUCCI, BEN-SOUSSAN: Meditation-like states of attention and Time Production: slower productions in deeper and more embodied states

PIGA, LOZITO, LO PRESTI, ANGIOLILLO, DORICCHI, LASAPONARA: The Role of Confirmation Bias in Reinforcement Learning: Effects of Confidence and Truthfulness

PISANU, ZANON, STEA, COROLLARI, RIOLO, RUMIATI: Does ASD individuals' personality affect the decoding of mental states?

POPESCU, HAIDUK: Using predictive dynamics as a window into the evolution of language and music

QUARTA, GRASSO, PAPAGNI, LACAL, BATTAGLIA-MAYER: Dyadic awareness and action cost evaluation in macaques: Behavioral aspects and prefrontal mechanisms

RAZZAK, SONG, AGHAYEVA, WANG, MOUSSEAU, GOTTLIEB, SPAGNA: Vividness of VMI decreases under concurrent visuospatial rotation and visual working memory requirements: evidence from a newly developed eye tracking paradigm

ROCHOWSKI, HAMAN: Arithmetic IoR. The link between the spatial representation of number and the attention-action coordination system.

ROMANO, TOSI, KALCKERT, SIVASUBRAMANIAN: The rubber hand illusion questionnaire: An exploratory graph analysis of ownership, referral of touch, and control statements

ROSSETTI, MUSCO, SACHELI, CAPUZZI, CLERICI, CALDIROLI, DEMARTINI, BROGLIA, NISTICÒ, FLORIO, CONCA, MARAVITA, PAULESU, ZAPPAROLI: Dissecting sense of agency in schizophrenia: a predictive coding perspective.

ROSSETTO, POPOV, FISCHER-BAUM, WILKINSON, BEYERSMANN: Reading aloud of complex nonwords by individuals with acquired dyslexia

ROUNIS, ZHANG, HALAI, PIZZAMIGLIO, LAMBON RALPH: Task-specific changes in connectivity between parietal and occipito-temporal areas following left hemisphere stroke

RYBKA, JONKERS, ROSENSTOCK, VAJKOCZY, PICHT, ROFES: Comparing Scoring Measures of the Digit Span Backward Task to Detect Working Memory Deficits Longitudinally in an Individual with Brain Tumor

SAHAN, SCHROTH, FIAS: Eye movements follow dynamic shifts of attention through serial order in verbal working memory

SALVATO, DE MAIO, BERTOLOTTI, SCARPA, TASSI, CARDINALE, CASTANA, SQUARZA, PIANO, BRAMERIO, CERASETTI, PATAI, NOBRE, BERLINGERI, BOTTINI: The contribution of hippocampal subfield volumes to long-term memory-guided attention.

SANDRINI, FACCI, DISERÒ, GANDOLA, BOTTINI: The Role of Prism Adaptation in Attentional Modulation: Evidence from the Attention Network Test in Healthy Elderly

SARRÉ, COHEN: Seeing speech: Differential contribution of the Extrastriate Body Areas during Cued Speech perception

SARTIN, DAL MONTE, DEL GIUDICE, CALECA, PROSPERI, CARINI, DEHAGHI, DANAJ, SPERANDIO, MONACO: Behavioural significance of foveal cortex processing for haptic size estimation

SELLITTO, BOTTINI: The effect of focusing attention toward bodily signals on impulsive food choices

SHAKI, FISCHER: Removing choice quickens the race: A study of response selection in spatial associations

SILVESTRI, PAGLIARI, RABUFFETTI, NIGHOGHOSSIAN, RODE, COTTON, SPINAZZOLA, BAGLIO, MIGLIACCIO, BARTOLOMEO, TOBA: « In vivo reconstruction of white matter pathways in a case study of pure motor neglect »

SIMIONI, PELLICCIA, TORALDO, PERETTO, SCARPA, CASTANA, SQUARZA, TASSI, BOTTINI, GANDOLA:

Body Ownership alterations induced by Intracranial Electrical Stimulations in the left insula and right frontal operculum: a case report

SIMONE, CARUANA, ELENA, DEL SORBO, JEZZINI, ROZZI, LUPPINO, GERBELLA: Multimodal characterization of the insula and its role in motor control

SROKA, HOHOL, CIPORA: Two-digit number processing in professional mathematicians reveals the same behavioural signatures as in control samples

STANCO, MARIANO, CRACOLICI, ZAPPAROLI: How acting using a tool shapes the implicit sense of agency in the near and far space.

TAKAMURA, LUNVEN, SERHAN, BOURLON, BARTOLOMEO, OVADIA-CARO: Left spatial neglect: Functional integration and segregation in the nonlesioned hemisphere

TASKIRAN, GRECUCCI, BACCI, MELCHER, DE PISAPIA: The artists' brain: A data fusion approach to characterize the neural bases of visual artists

TOMASELLO, SHAMAN, DOBLER, PULVERMÜLLER: How language modulates color perception: A brain-constrained neural network

TOMASETIG, SACHELI, MUSCO, LAGANÀ, SCOPELLITI, PAULESU: Sensorimotor communication in cooperative and competitive motor interactions

TOMMASINI, BATTISTI, MINUTOLO, TONIELLI, NOVIELLO, GOODALE, SPERANDIO: The Temporal Features of Size Constancy in Two- and Three-Dimensional Stimuli Reveals a Real-World Advantage

TURELLA, PIEROTTI, SPERANZA, TAMBALO, DODICH, MONACO, BONAVIDA, FINSTERBUSCH, MINIUSSI, CATTANEO: Decoding force information within the human cortico-spinal motor system

UCCELLI, PISU, BRUNO: Re-thinking visuomotor priming in grasping objects: a proposal based on the asymmetric generalization of precision

ULGENER, BOTTINI, SALVATO: Exploring the role of the central thermoregulatory system in implicit and explicit body ownership

VICENTIN, CONA, GRANZIOL, ROMANO, SCANDOLA: Charting the Aging Mind: Network Analysis Reveals Age-Related Structural Changes in the Relationships Among Cognition, Personality, and Psychological Factors

VIGNA, PREVITALI, RINALDI, BENAVIDES-VARELA: Can the Efficient Coding Principle Explain How We Process the Number Zero?

VOLPINO, CAMPACI, BORGHESI, CIELO, STRADA, BOTTINO, CIPRESSO, CARLINO, PIEDIMONTE: If the avatar lags, it is not my own: how to measure ownership using the Readiness Potential

ZAPPAROLI, PAULESU, GANDOLA, SALVATO, SAETTA, MARIANO, DEVOTO, SQUARZA, PIANO, BRUGGER, BOTTINI: The hidden side of BID: aberrant limbic responses to dynamic touch in body integrity dysphoria

The Workshop is organized by Dipartimento di Neuroscienze - Padova Neuroscience Centre, Università degli Studi di Padova, Dipartimento di Psicologia e Centro di Neuroscienze di Milano - NeuroMi, Università degli Studi di Milano-Bicocca, Milano, under the auspices of Comune di Bressanone, and sponsored by



Azienda di Soggiorno Bressanone



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- | | |
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Milano-Bicocca, Milano |
| Carlo Semenza | Dipartimento di Neuroscienze -
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