

7th Meeting of the Federation of the European Societies of Neuropsychology (FESN)

Milan, 5-7 September 2019
Università Cattolica del Sacro Cuore





Federation of the European Societies of Neuropsychology FESN

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Dear friends and colleagues,

We look forward to welcoming you in Milan in September 2019!

The meeting of the Federation of European Societies of Neuropsychology (FESN) has become a landmark event for European neuropsychologists. The meeting offers top-level scientific and clinical updates, and a great opportunity to meet, share and start collaborations. The Federation currently unites 18 national societies.

The Italian Neuropsychological Society will be hosting the 7th Scientific Conference of the FESN.

Neuropsychology researchers and practitioners, as well as scientists from many of the multiple areas of neuroscience will find topics of interest in the rich and broad program, including thematic symposia, free communications, posters and exciting keynote lectures.

Milan is one of the most-visited tourist destinations in Europe, with more than 8 million visitors in 2017. There are many reasons to visit Milan: unique historical sights, classical and contemporary art, stunning new architecture, fashion and shopping, an amazing choice of excellent food, culture and nightlife, not to mention nature sites nearby (lakes, rivers and mountains). September is the perfect time to be in Milan: pleasant weather can be expected, and many opportunities to enjoy the multiple facets of a cosmopolitan city. The city is easily accessible by airplane (3 airports, many low-cost options), train or car.

The meeting venue is the Catholic University campus, in the city center, a cosmopolitan, multicultural environment set around the two main cloisters of the historic Saint Ambrose monastery designed by Bramante, serving more than 30,000 students. A range of accommodation possibilities will be available, from cheap hostels to top level luxury hotels.

We warmly invite you to join the 7th Scientific Conference of the FESN in Milan, 5-7 September 2019.



Wednesday 4th September

Maria Immacolata

2.00 pm - 6.00 pm

ELSEVIER PUBLISHING SEMINAR

Registration required (free of charge)



Thursday 5th September

Aula Magna



9.00 am - 11.30 am

REGISTRATION

11.30 am

OPENING CERIMONY

12.00 am - 1.00 pm

1ST KEYNOTE

The functional anatomy of episodic memory and its impairment in Alzheimer's Disease

Chairmen: Edward de Haan, Amsterdam - NL, Stefano Francesco Cappa, Pavia - I
Emrah Duzel, Magdeburg - D

1.00 pm - 2.00 pm

LUNCH

2.00 pm - 3.30 pm

SYMPOSIUM

The body in the brain

Chairmen: Francesca Garbarini, Turin - I, Chris Dijkerman, Utrecht - NL

2.00 pm **If I were a grown-up: children's response to the rubber hand illusion with different hand sizes**

Maria Laura Filippetti, Colchester - UK

2.20 pm **Peripersonal space as an interface between the individual and the environment**

Andrea Serino, Lausanne - CH

2.40 pm **The self-other body boundary in normal and pathological brain**

Francesca Garbarini, Turin - I

3.00 pm **Neural mechanisms of body ownership: Electro-corticography studies**

H. Henrik Ehrsson, Stockholm - S

3.20 pm Discussion



Thursday 5th September

Cripta Aula Magna

2.00 pm - 3.30 pm

ORAL COMMUNICATIONS Language disorders

- 2.00 pm Plasticity versus chronicity: stable performance on category fluency 40 years post-onset
Edward de Haan, N. Seijdel, *Amsterdam - NL*
- 2.20 pm When the truth is hard to handle: verification of affirmative and negative sentences in subjects with aphasia
Sara Zanellini, P. Mingardi, G. Miceli, *Trento - I*
- 2.40 pm Shared action semantics in the linguistic and visual modalities: a single-pulse TMS investigation
Claudia Gianelli, K. Kühne, S. Mencaraglia, R. Dalla Volta, *Potsdam - D, Catanzaro - I*
- 3.00 pm Post-Stroke Working Memory Dysfunction: A Meta-Analysis and Systematic Review
Selma Lugtmeijer, N. Lammers, E. de Haan, F. de Leeuw, R. Kessels, *Nijmegen, Amsterdam - NL*
- 3.20 pm Discussion

Thursday 5th September

Giovanni XXIII



2.00 pm - 3.30 pm

ORAL COMMUNICATIONS

Mild Cognitive Impairment and Alzheimer's disease

2.00 pm **Confabulation in amnesia and Alzheimer's disease**

Valentina La Corte, G. Gagliardi, B. Dubois, G. Dalla Barba, *Paris - F, Trieste - I*

2.20 pm **Neural correlates of empathy in Mild Cognitive Impairment**

Daive Quaranta, V. Cassano, M. Vespa, A. Callea, M. Bruno, F. Piludu, C. Piccinini, B. Farina, M. Silveri, C. Marra, *Rome, Milan - I*

2.40 pm **Neuropsychiatric status as a predictor of cognitive decline**

Natalia Roberto Herrero, *Barcelona - E*

3.00 pm **Assessment of prospective memory in patients presenting in a University Memory Center**

Andrea Brioschi Guevara, P. Chatton, O. Rouaud, J. Démonet, *Lausanne, Geneva - CH*

3.20 pm Discussion



Thursday 5th September

Borsi

2.00 pm - 3.30 pm

CORTEX EDITORIAL BOARD MEETING

(by invitation only)





3.30 pm - 5.00 pm

ORAL COMMUNICATIONS

Processing of emotions

3.30 pm **Impairments in Emotion Recognition and Risk Behavior after Isolate Cerebellar Lesions**

Nils van den Berg, R. Huitema, J. Spikman, G. Luijckx, E. de Haan, *Groningen, Amsterdam - NL*

3.50 pm **Facial Emotion Recognition in Traumatic Brain Injury (TBI): an eye-tracking study**

Fabiola Diana, M. Meneghello, D. Cisternino, V. Galetto, M. Zettin, *Turin - I, Nimes - F*

4.10 pm **Problematic pornography use: The role of the insula in inhibitory-control when pornographic images are present**

Stephanie Antons, M. Brand, *Duisburg - D*

4.30 pm **Craving reactions towards high caloric food alter decision-making behavior in obese patients**

Elisa Wegmann, M. Lescher, S. Mueller, M. Brand, A. Mueller, *Duisburg, Hanover - D*

4.50 pm Discussion

5.00 pm - 5.30 pm

COFFEE BREAK



Thursday 5th September

Cripta Aula Magna

3.30 pm - 5.00 pm

SYMPOSIUM

The diversity of acquired peripheral dyslexia

Chairman: Lisa S. Arduino, Rome - I

3.30 pm Spatial dyslexia in hemispheric lesion or dysfunction: evidence from epilepsy

Eric Siéroff, Paris - F

3.50 pm Neglect dyslexia or crowding dyslexia?

Roberta Daini, Milan - I

4.10 pm Neural correlates of spatial dyslexia

Radek Ptak, Geneva - CH

4.30 pm Word and letter processing in posterior cerebral artery stroke

Randi Starrfelt, Copenhagen - DK

4.50 pm Discussion

5.00 pm - 5.30 pm

COFFEE BREAK

Thursday 5th September

Giovanni XXIII



3.30 pm - 5.00 pm

SYMPOSIUM

**New insights on attention and cognitive control:
behavioral, neuroimaging and neuropsychological evidence**

Chairman: Alfredo Spagna, New York - USA

3.30 pm **Attentional and working memory deficits - new insights in their behavioral assessment and neural underpinnings**

Monica Toba, Amiens - F

3.50 pm **Spatiotemporal dynamics of exogenous attention: evidence from human intracerebral recordings**

Tal Seidel-Malkinson, Paris - F

4.10 pm **Insights into cognitive control networks from patients with glioma**

Melissa-Ann Mackie, Chicago - USA

4.30 pm **Evidence of a right hemisphere superiority for attention and cognitive control**

Alfredo Spagna, New York - USA

4.50 pm Discussion

5.00 pm - 5.30 pm

COFFEE BREAK



Thursday 5th September

Aula Magna

5.30 pm - 7.00 pm

1ST COLLOQUIUM

Premotor theory of attention 2.0: experimental evaluation and neuropsychological application

Chairman: Thomas Schenk, Munich - D

5.30 pm **Perceptual and motor effects of exogenous attentional orienting**
Ana B. Chica, E. Martín-Arévalo, J. Lupiáñez, *Granada - E*

5.50 pm **Attentional selection for object recognition across saccades**
Christian Poth, *Bielefeld - D*

6.10 pm **Gaze-contingent paradigm changes bias in spatial attention in healthy observers: an intervention with potential to treat patients with spatial neglect**
Karin Ludwig, *München - D*

6.30 pm **Associations and dissociations between oculomotor control and covert attention**
Daniel Smith, *Durham - UK*

6.50 pm Discussion

7.00 pm - 9.00 pm

WELCOME RECEPTION

Thursday 5th September

Cripta Aula Magna



5.30 pm - 7.00 pm

ORAL COMMUNICATIONS

Neuropsychology in neurosurgery and single cases

5.30 pm **Neurocognitive changers after awake surgery in glioma patients: A retrospective cohort study**

Martine van Zandvoort, E. van Kessel, T. Snijders, A. Baumfalk, C. Ruis, K. van Baarsen, M. Broekman, P. Robe, *Utrecht, Leiden - NL*

5.50 pm **Ventricular volume in relation to cognitive outcome after aneurysmal subarachnoid haemorrhage**

Irene Huenges Wajer, A. Groenestege, J. Visser-Meily, B. Velthuis, M. van Zandvoort, G. Rinkel, *Utrecht - NL*

6.10 pm **Cerebellar Mutism Syndrome: the predictive role of preoperative language evaluation**

Daniela Pia Chieffo, V. Arcangeli, C. Zanetti, G. Tamburrini, E. Mercuri, *Rome - I*

6.30 pm **Bayesian Multilvel Single Case approach (BMSC): a new approach to single case statistical analysis for parametric and binomial data**

Michele Scandola, D. Romano, *Verona, Milan - I*

6.50 pm Discussion

7.00 pm - 9.00 pm

WELCOME RECEPTION



Thursday 5th September

Giovanni XXIII

5.30 pm - 7.00 pm

ORAL COMMUNICATIONS

Updates on Primary Progressive Aphasias

5.30 pm [Interrelationship between language and executive functions in primary progressive aphasia](#)

Sandrine Basaglia Pappas, B. Laurent, C. Borg, I. Simoes Loureiro, L. Lefebvre, *Saint Etienne - F, Mons - B*

5.50 pm [Peripheral errors in writing and parkinsonism in subjects with primary disorders of language](#)

Nicoletta Ciccarelli, S. Di Tella, I. Anzuino, M. Lo Monaco, M. Silveri, *Milan, Rome - I*

6.10 pm [Interference during object naming: Reaction time and tractography analyses in primary progressive aphasia](#)

Nikki Janssen, A. Roelofs, R. Kessels, V. Piai, *Nijmegen - NL*

6.30 pm [Language features, functional and pathological biomarkers in Primary Progressive Aphasia: a single-centre experience](#)

Salvatore Mazzeo, S. Padiglioni, C. Polito, V. Berti, S. Bagnoli, G. Lombardi, I. Piaceri, M. Carraro, C. Ferrari, B. Nacmias, S. Sorbi, V. Bessi, *Florence - I*

6.50 pm Discussion

7.00 pm - 9.00 pm

WELCOME RECEPTION

Friday 6th September

Aula Magna



8.30 am - 10.00 am

SYMPOSIUM

Cases of amnesia: Single-case contributions to understanding memory and the brain

Chairmen: Sarah E. MacPherson, Edinburgh - UK, Tim Shallice, London - UK

8.30 am **Amnesic patient VC: what have we learnt from him?**
Lisa Cipolotti, London - UK

8.50 am **Amnesia in an actor: learning and re-learning of play passages despite severe autobiographical amnesia**
Michael Kopelman, London - UK

9.10 am **Case YR: Bilateral Hippocampal lesions Disrupt Recall, not Item Familiarity**
Andrew Mayes, Manchester - UK

9.30 am **The feeling that life is repeating: Insights from single cases of recollective confabulation**
Christopher Moulin, Grenoble - F

9.50 am Discussion

10.00 am - 10.30 am

COFFEE BREAK



Friday 6th September

Cripta Aula Magna

8.30 am - 10.00 am

ORAL COMMUNICATIONS

Neuropsychology of movement disorders

- 8.30 am **Longitudinal cortical changes associated with apathy in Parkinson's disease**
Elisa Canu, F. Agosta, F. Imperiale, T. Stojkovic, I. Stankovic, S. Basaia, A. Fontana, V. Markovic, I. Petrovic, E. Stefanova, V. Kostic, M. Filippi, *Milan - I, Belgrade - RSB*
- 8.50 am **Progression of cognitive and behavioral disturbances in motor neuron disease**
Veronica Castelnovo, E. Canu, N. Riva, A. Fontana, F. Imperiale, Y. Falzone, B. Poletti, V. Silani, M. Filippi, F. Agosta, *Milan, San Giovanni Rotondo - I*
- 9.10 am **Uncinate fasciculus and word selection processing in Parkinson's Disease**
Sonia Di Tella, F. Baglio, L. Pelizzari, R. Nemni, D. Traficante, M. Silveri, *Milan - I*
- 9.30 am **Clinical, cognitive and fMRI effects of Action Observation and Motor Imagery Training on dual-task performances in Parkinson's disease patients with postural instability and gait disorders**
Michela Leocadi, E. Canu, E. Sarasso, N. Piramide, F. Imperiale, S. Galantucci, A. Tettamanti, M. Volonté, M. Filippi, F. Agosta, *Milan - I*
- 9.50 am Discussion

10.00 am - 10.30 am

COFFEE BREAK



10.30 am - 12.00 am

2ND COLLOQUIUM

When the spark goes out: Loss of motivation across brain disorders

Chairman: Masud Husain, Oxford - UK

10.30 am **How to make a diagnosis of apathy and new technologies to treat it**
Philippe Robert, Sophie Antipolis - F

10.50 am **Stroke-induced apathy: Behavioural markers and lesion correlates**
Bettina Studer, Düsseldorf - D

11.10 am **Apathy in schizophrenia: neural correlates and effects of neurostimulation**
André Aleman, Groningen - D

11.30 am **Brain mechanisms underlying disorders of motivation**
Masud Husain, Oxford - UK

11.50 am Discussion



Friday 6th September

Cripta Aula Magna

10.30 am - 12.00 am

ORAL COMMUNICATIONS

Memory and Aging

- 10.30 am **Binding deficits in visual working memory: Behavioral and neurophysiological evidence for an age-related decline**
Michael Niedeggen, A. Lubitz, *Berlin - D*
- 10.50 am **Age-associated verbal memory impairment differs according to education level**
Hella Thielen, G. Verleysen, S. Huybrechts, C. Lafosse, C. Gillebert, *Leuven - B*
- 11.10 am **Assessment of competing theories accounting for forgetting in anterograde amnesia**
Jamie McGhee, N. Cowan, N. Beschin, C. Mosconi, S. Della Sala, *Edinburgh - UK, Columbia - USA, Somma Lombardo - I*
- 11.30 am **Episodic memory function in adults with a history of low birth-weight**
Eliisa Lehto, I. Järvinen, M. Virta, S. Immonen, N. Schiavone, K. Michelsson, J. Launes, L. Hokkanen, *Helsinki - FL*
- 11.50 am Discussion



12.00 am - 1.00 pm

2ND KEYNOTE

Old solutions, new ideas. To which category does neuromodulation belong?

*Chairmen: Laura Hokkanen, Helsinki - FL, Hans-Otto Karnath, Tübingen - D
Carlo Miniussi, Trento - I*

1.00 pm - 2.00 pm

LUNCH AND POSTER SESSION

2.00 pm - 3.30 pm

3RD COLLOQUIUM

Potential therapeutic effects of non-invasive brain stimulation

Chairman: Stephen Jackson, Nottingham - UK

2.00 pm **Introduction**

Stephen Jackson, Nottingham - UK

2.20 pm **Problems and practicalities of therapeutic use of non-invasive Brain Stimulation (NIBS)**

John Rothwell, London - UK

2.40 pm **Understanding inter-individual covariation in brain, behaviour, and response to neurostimulation**

Jacinta O'Shea, Oxford - UK

3.00 pm **Toward therapeutic entrainment of endogenous brain oscillations in Tourette syndrome**

Katherine Dyke, Nottingham - UK

3.20 pm **Discussion**



Friday 6th September

Cripta Aula Magna

2.00 pm - 3.30 pm

SYMPOSIUM

The spectrum of child neuropsychology: from developmental disorder to acquired brain injury

Chairman: Renate Drechsler, Zurich - CH

- 2.00 pm **Neuropsychological assessment with the Quantified Behavior (Qb) Test in patients with attention deficit/hyperactivity disorder (ADHD)**
Hanna Christiansen, Marburg - D
- 2.20 pm **Instability of test performance in children and adolescents with ADHD**
Renate Drechsler, Zurich - CH
- 2.40 pm **Aphasia in childhood stroke: Prevalence, recovery and neural processes**
Karen Lidzba, Bern - CH
- 3.00 pm **Cerebral blood flow and executive functions in children after arterial ischemic stroke**
Regula Everts, Bern - CH
- 3.20 pm Discussion

Friday 6th September

Giovanni XXIII



2.00 pm - 3.30 pm

SYMPOSIUM

Unilateral spatial neglect: from diagnosis to rehabilitation

Chairman: Mario Bonato, Padua - I

2.00 pm **Unilateral spatial neglect: unity and diversity in a complex syndrome**
Giuseppe Vallar, Milan - I

2.20 pm **Dual-tasking approaches for a more sensitive diagnosis**
Mario Bonato, Padua - I

2.40 pm **Anatomical predictors of neglect recovery**
Paolo Bartolomeo, Paris - F

3.00 pm **Neglect Rehabilitation: strength and challenges of treatments using non-invasive brain stimulation**
Monika Harvey, Glasgow - UK

3.20 pm Discussion



Friday 6th September

Aula Magna

3.30 pm - 4.30 pm

3RD KEYNOTE

How can we probe conscious state and conscious access in non-communicating patients?

Chairmen: Erik Hessen, Oslo - NO, Costanza Papagno, Milan. Trento - I

Lionel Naccache, Paris - F

4.30 pm - 5.00 pm

COFFEE BREAK

5.00 pm - 5.30 pm

PRIZE OF THE GERMAN NEUROPSYCHOLOGICAL SOCIETY

5.30 pm - 6.30 pm

CORTEX PRIZE AND LECTURE

Georg Kranz, Vienna - A

6.30 pm - 7.30 pm

DEBATE

Establishing the role of Neuroscience in informing Education

Chairman: Sergio Della Sala, Edinburgh - UK

Usha Goswami, Cambridge - UK

Mike Anderson, Murdoch - AUS

8.30 pm - 11.00 pm

SOCIAL DINNER

Saturday 7th September

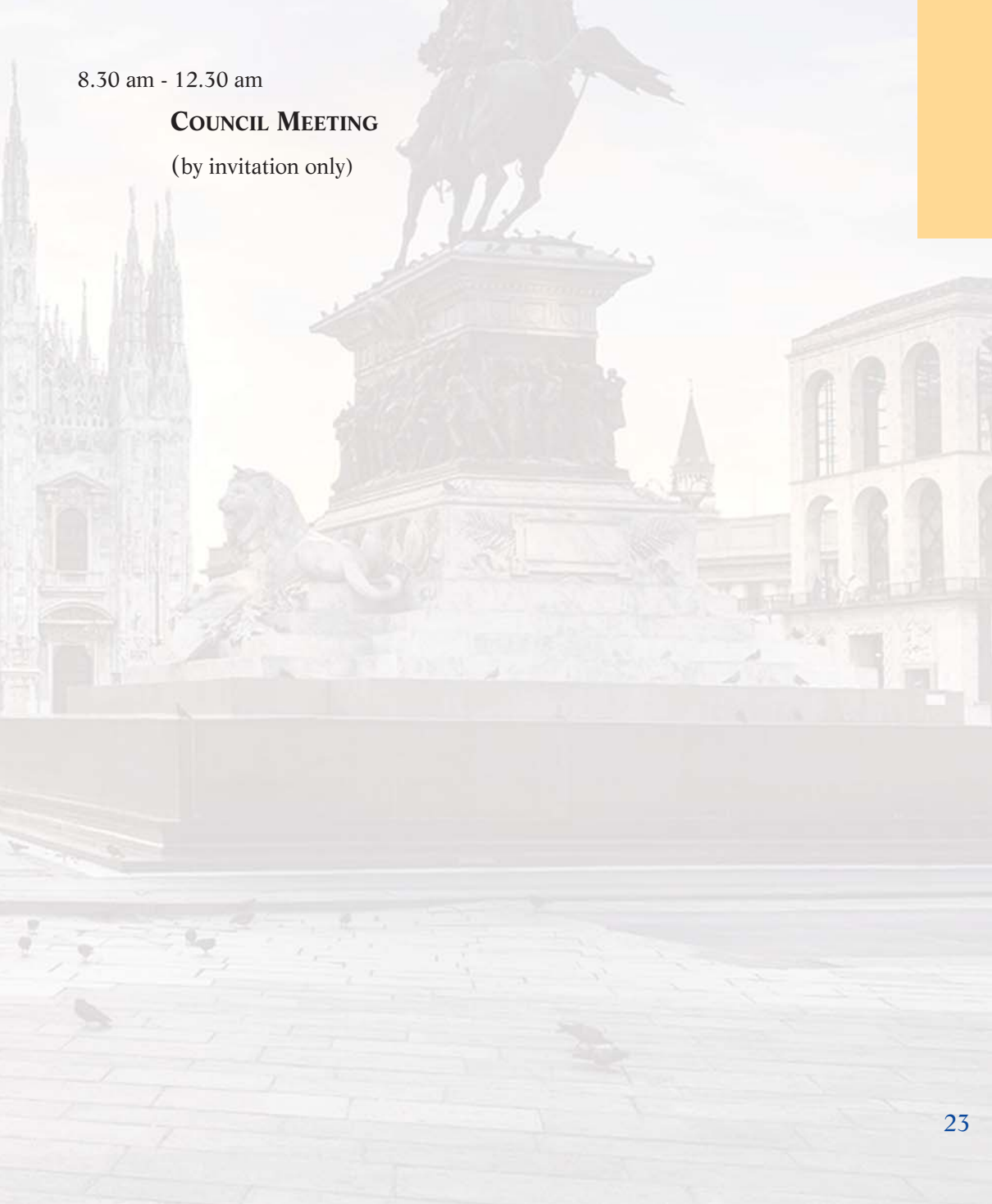
Maria Immacolata



8.30 am - 12.30 am

COUNCIL MEETING

(by invitation only)





Saturday 7th September

Aula Magna

9.00 am - 10.30 am

SYMPOSIUM

The future of executive functions in neuropsychology

Chairman: Bruno Kopp, Hannover - D

9.00 am **Executive functions in the two hemispheres: Implications for neuropsychology**

Antonino Vallesi, Padua - I

9.20 am **Reliability and validity of the Wisconsin Card Sorting Test**

Bruno Kopp, Hannover - D

9.40 am **A predictive coding account of the Wisconsin Card Sorting Test:**

Magnetoencephalographic evidence

Francisco Barceló, Palma de Mallorca - E

10.00 am **Computational modelling of performance on the Wisconsin Card Sorting Test:**

Reinforcement learning

Alexander Steinke, Hannover - D

10.20 am Discussion

10.30 am - 11.00 am

COFFEE BREAK

Saturday 7th September

Cripta Aula Magna



9.00 am - 10.30 am

SYMPOSIUM

Neurocognition of Math Learning

Chairman: Laura Zamarian, Innsbruck - A

9.00 am **Neuroplasticity following cognitive tutoring in children with developmental dyscalculia**

Teresa Luculano, Stanford - USA

9.20 am **From procedures to retrieval: neural changes of arithmetic fact learning**

Wim Fias, Ghent - B

9.40 am **Training facts and training magnitude: Differential effects on Brain and Behaviour**

Korbinian Möller, Tuebingen - D

10.00 am **Arithmetic learning in advanced age**

Laura Zamarian, Innsbruck - A

10.20 am Discussion

10.30 am - 11.00 am

COFFEE BREAK



Saturday 7th September

Giovanni XXIII

9.00 am - 10.30 am

ORAL COMMUNICATIONS

Motor performance and its interactions

9.00 am **Visuo-motor adaptation to a prism-induced displacement of spatial vision and its aftereffects: the role of the posterior parietal cortex**

Damiano Crivelli, S. Terruzzi, A. Pisoni, G. Mattavelli, L. Josefina Romero Lauro, N. Bolognini, G. Vallar, *Milan - I*

9.20 am **Acute Effects of altered gravitational input on conscious monitoring of motor performance**

Adriana Salatino, A. Mouraux, A. Berti, R. Ricci, *Brussels - B, Turin - I*

9.40 am **Bimanual coupling effect in Parkinson's Disease: the role of lateralized sensory-motor symptoms on motor intentionality and planning**

Federica Scarpina, V. Bruno, M. Rabuffetti, L. Priano, S. Tagini, P. Gindri, A. Mauro, F. Garbarini, *Turin, Milan, Trento - I*

10.00 am Discussion

10.30 am - 11.00 am

COFFEE BREAK



11.00 am - 12.30 am

SYMPOSIUM

Investigating language through neuromodulation in, throughout, back and beyond the brain

Chairman: Paola Marangolo, Naples, Rome - I

11.00 am **The role of inferior frontal gyrus in language processing and recovery – evidence from neurostimulation**

Gesa Hartwingsen, Leipzig - D

11.20 am **The role of white matter tracts and functional connectivity in language recovery through neuromodulation**

Charlotte Rosso, Paris - F

11.40 am **Cerebellar neuromodulation: a promising approach in treating language disorders?**

Georgios Argyropoulos, Oxford - UK

12.00 am **Spinal Neuromodulation: a new highway for language recovery?**

Paola Marangolo, Naples, Rome - I

12.20 am Discussion



Saturday 7th September

Cripta Aula Magna

11.00 am - 12.30 am

SYMPOSIUM

Cross-cultural neuropsychological assessment in (preclinical) Alzheimer's disease: state of the art

Chairmen: Clara Calia, Edinburgh - UK, Tam Watermeyer, Toronto - CDN

- 11.00 am **A systematic review of neuropsychological tests for the assessment of dementia in non-Western, low educated or illiterate populations**
Sanne Franzen, Rotterdam - NL
- 11.20 am **Barriers in cross - cultural cognitive evaluation**
Simone Pomati, Milan - I
- 11.40 am **Improving cross-cultural cognitive assessment with the RUDAS**
Rune Nielsen, Copenhagen - DK
- 12.00 am **Dementia diagnostic assessments in the Chinese speaking population**
Naaheed Mukadam, London - UK
- 12.20 am Discussion



11.00 am - 12.30 am

ORAL COMMUNICATIONS

Spatial neglect and attention

11.00 am [Cortical hubs and visual neglect after stroke](#)

Antonello Baldassarre, P. Chiacchiaretta , L. Pavone, G. Committeri , F. de Pasquale, Chieti, Pescara, Pozzilli IS, Teramo - I

11.20 am [The contribution of the left hemisphere to re-orienting of spatial attention: univariate and multi-variate fMRI evidence](#)

Fabrizio Doricchi, S. Lasaponara, M. Pinto, M. Silvetti, Rome - I

11.40 am [Lateralised reading impairments: dissociations between sentence level and word-based neglect dyslexia](#)

Margaret Jane Moore, N. Shaley, C. Gillebert, N. Demeyere, Oxford - UK, Leuven - B

12.00 am [Application of Transcranial direct current stimulation \(tDCS\) to ameliorate hemispatial neglect: a prospective randomised controlled trial](#)

Monika Harvey, K. Muir, C. Benwell, M. Walters, G. Learmonth, Glasgow - UK

12.20 am Discussion



Saturday 7th September

Aula Magna

12.30 am - 1.30 pm

4TH KEYNOTE

Lessons learned from basal ganglia and cerebellar pathologies

Chairman: Maria Caterina Silveri, Milan - I

Sonja Kotz, Maastricht - NL

1.30 pm - 2.30 pm

LUNCH AND POSTERS SESSION

2.30 pm - 4.00 pm

4TH COLLOQUIUM

Numerical cognition

Chairman: Klaus Willmes, Aachen - D

2.30 pm **The space-number association in the damaged and healthy brain**

Fabrizio Doricchi, Roma - I

2.50 pm **Domain-specific and domain-general processes in symbolic and non-symbolic proportion processing**

Elisa Klein, Tübingen - D

3.10 pm **The Triple Code Model of number processing – a critical evaluation**

André Knops, Paris - F

3.30 pm **Number processing in degenerative brain diseases**

Margarete Delazer, Innsbruck - A

3.50 pm Discussion

4.00 pm - 4.30 pm

END OF THE CONGRESS

Saturday 7th September

Cripta Aula Magna



2.30 pm - 4.00 pm

ORAL COMMUNICATIONS

Frontotemporal dementia: genetics and behaviour

2.30 pm Differences in discriminative ability and response bias on RAVLT delayed recognition in behavioural variant frontotemporal dementia and Alzheimer's disease

E. van den Berg, J. Poos, L. Jiskoot, L. Heijnen, S. Franzen, R. Steketeer, R. Meijboom, F. de Jong, H. Seelaar, J. van Swieten, J. Papma, *Rotterdam - NL*

2.50 pm Mental Rigidity is a Core Deficit in Frontotemporal Dementia

Tamara Paulin, G. Savage, M. Irish, *Sydney - AUS*

3.10 pm Tracking cognitive decline from the presymptomatic to symptomatic stage of genetic frontotemporal dementia: a non-linear approach

Jackie Poos, D. Hageenaar, J. Panman, E. van der Ende, H. Meeter, J. van Swieten, E. van den Berg, J. Papma, L. Jiskoot, *Rotterdam - NL*

3.30 pm Mindfulness-Based Stress Reduction in at-risk mutation carriers of familial FTD

Lize Jiskoot, J. Poos, J. Papma, J. van Swieten, A. Tibben, E. van den Berg, *Rotterdam, Leiden - NL*

3.50 pm Discussion

4.00 pm - 4.30 pm

END OF THE CONGRESS



Saturday 7th September

Giovanni XXIII

2.30 pm - 4.00 pm

ORAL COMMUNICATIONS

Body representation and its disorders

- 2.30 pm **Disownership of body parts as revealed by a continuous visual scale evaluation**
Roberta Ronchi, M. Bassolino, D. Viceic, A. Bellmann, O. Blanke, G. Vallar, *Geneva, Sion - CH, Milan - I*
- 2.50 pm **Assessing the representation of upper limb perceived dimension and of peripersonal space in chronic stroke patients with motor impairments**
Michela Bassolino, M. Franza, G. Sorrentino, T. Bertoni, A. Crema, E. Guanziroli, F. Molteni, S. Micera, O. Blanke, A. Serino, *Sion, Geneva, Lausanne - CH, Lecco - I*
- 3.10 pm **The sense of body-ownership modulates cross-modal facilitation of tactile extinction in brain-damaged patients**
Carlotta Fossataro, V. Bruno, V. Chiotti, E. Bosso, P. Gindri, A. Farnè, F. Garbarini, *Turin - I, Lyon - F*
- 3.30 pm **Representations of the body and peripersonal space during tool-use in Complex Regional Pain Syndrome**
Axel Vittersø, G. Buckingham, M. Halicka, M. Proulx, M. Wilson, J. Bultitude, *Bath, Exeter - UK*
- 3.50 pm Discussion

4.00 pm - 4.30 pm

END OF THE CONGRESS



POSTER SESSION 1

5th September 2019

1 pm - 2 pm

1. **Implicit response for socio-emotional words during novel Socio-emotional-stroop task**
Maria Arioli, G. Basso, P. Poggi, S. Cappa, N. Canessa, *Milan, Pavia, Brescia - I*
2. **Executive functioning in children with cerebral palsy is related with participation in school**
Alba Berenguer-González, M. Garcá-Galant, M. Blasco, O. Laporta-Hoyos, J. Ballester-Plané, X. Caldù, J. Miralbell, F. Roig-Coll, X. Alonso, E. Toro-Tamargo, M. Meléndez-Plumed, R. Pueyo, *Barcelona - E*
3. **Correlations between depression scores and neuronal markers on MR spectroscopy in HIV-positive individuals on combined antiretroviral therapy**
Vojislava Bugarski Ignjatovic, J. Mitrovic, J. Boban, D. Kozic, S. Brkic, *Novi Sad - RS*
4. **Differential effect of the FTO rs9939609 on executive function in lean and obese adults**
M. Garolera, J. Ottino-González, X. Prats-Soteras, M. Sánchez-Garre, I. Hernan, E. Tor, M. Sender-Palacios, M. Jurado, *Barcelona, Terrassa - E*
5. **Disentangling executive dysfunction from slow processing speed due to motor disability in amyotrophic lateral sclerosis: normative values of verbal fluency indices**
Veronica Castelnovo, E. Canu, M. Leocadi, N. Riva, F. Imperiale, C. Cividini, Y. Falzone, M. Filippi, F. Agosta, *Milan - I*
6. **Cognition in a Sample of Young Patients with Dystonia or Ataxia - A cross-sectional study**
Maraike Coenen, D. Sival, R. Brandsma, H. Eggink, M. Timmerman, M. Tijssen, J. Spikman, *Groningen - NL*
7. **Diagnostic Performance of the Emotion Recognition and Attribution (ERA) index in characterizing the socio-emotional profile in bvFTD compared to AD and other FTLD syndromes**
Chiara Crespi, A. Dodich, G. Santi, N. Canessa, S. Iannaccone, A. Marcone, M. Zamboni, S. Cappa, C. Cerami, *Pavia, Milan - I, Geneva - CH*
8. **Executive impairment in Alcohol Use Disorders reflects changes in large-scale brain networks: A joint Independent Component Analysis on grey-matter and white-matter features**
Chiara Crespi, C. Galandra, M. Manera, G. Basso, P. Poggi, G. Vittadini, N. Canessa, *Pavia, Milan - I*
9. **Motivation, memory, and major depression: An experimental study under everyday-like conditions**
Lorenz B. Dehn, T. Beblo, *Bielefeld - D*



Poster Session

Pio XII

10. Association between executive dysfunction in everyday life and severity of depression symptoms in children and adolescents with major depression
Sophie Emery, D. Thommen, N. Baumgartner, I. Haeberling, S. Walitza, G. Berger, Renate Drechsler, *Zurich - CH*
11. Brain and cognitive health in highly functioning HIV-infected adults: the positive effects of combination antiretroviral treatment
Anna Egbert, J. Poweska, B. Biswal, K. Karunakaran, S. Gohel, A. Pluta, M. Sobanska, N. Gawron, T. Wolak, B. Szymanska-Kotwica, E. Firlag-Burkacka, P. Bienkowski, H. Sienkiewicz-Jarosz, A. Scinska-Bienkowska, M. Choinski, R. Bornstein, S. Rao, E. Lojek, *Vancouver - CDN, Warsaw - PL, Newark, Columbus, Cleveland - USA*
12. What would happen? The role of anticipated regret on alcoholics' choice behavior
Caterina Galandra, C. Crespi, G. Basso, N. Canessa, *Pavia, Milan - I*
13. The alcoholic brain: processing speed impairment as a marker of executive and decision-making deficits
Caterina Galandra, C. Crespi, M. Manera, G. Basso, P. Poggi, N. Canessa, *Pavia, Milan - I*
14. Effects of age, HIV, and HIV-associated clinical factors on neuropsychological functioning and white matter integrity in HIV+ patients on effective treatment
Natalia Gawron, E. Lojek, A. Pluta, T. Wolak, B. Szymanska-Kotwica, M. Choinski, A. Egbert, M. Sobanska, A. Desowska, A. Horban, E. Firlag-Burkacka, P. Bienkowski, H. Sienkiewicz-Jarosz, A. Scinska-Bienkowska, B. Biswal, S. Rao, R. Bornstein, *Warsaw - PL, Vancouver - CDN, London - UK, Cleveland, Columbus - USA*
15. Biological and non-biological feedback analyses are associated with the same network of fMRI activation in a robotic training of the upper limb
Simone Gazzellini, F. Nocchi, M. Petrarca, E. Lovardi, P. Cappa, E. Castelli, *Rome - I*
16. An exploratory study of the development of an interactive visualization tool of neuropsychological test results
Angelique Gruters, I. Ramakers, F. Verhey, R. Kessels, M. de Vugt, *Maastricht, Nijmegen - NL*
17. Detailed profile of cognitive dysfunction in children with aspartylglucosaminuria (AGU)
Päivi Helenius, E. Harjunen, R. Tikkanen, M. Laine, *Helsinki - FI, Giessen - D*
18. The use of Neuropsychology as a diagnosis and treatment method of internet addiction
Argyris Karapetsas, A. Fotis, V. Karapetsas, G. Michalios, *Volos - GR*
19. Impaired backward span in antidepressant users
Mira Karrasch, A. Kaskikallio, J. Valtonen, *Turku - FI, New York - USA*
20. Dissecting <Spatial Neglect> with the EEG
Stefano Lasaponara, M. Pinto, M. D'Onofrio, M. Aiello, F. Tomaiuolo, F. Doricchi, *Rome, Trieste, Volterra - I*



21. [The Long-Term Cognitive Consequences of Ischemic Stroke - a 10-Year Follow-Up](#)
Siiri Laari, S. Mustanoja, E. Poutiainen, *Helsinki - FI*
22. [Kop op \(Keep your Head Up\): A therapeutic tool for depression and coping with the emotional issues after brain injury](#)
Wouter Lambrecht, C. De Schaepmeester, *Ghent - B*
23. [What is the effectiveness of the intervention package Kop op! \(Keep your head up\)?: a pilot study](#)
Wouter Lambrecht, N. Hermans, C. De Schaepmeester, A. De Hous, N. Eggermont, S. Hermans, C. Taelman, E. Van Rompuy, S. Van Roosmalen, *Ghent, Antwerp - B*
24. [Neuropsychological Assessment and Rehabilitation of Developmental Dyslexia. Implications for Music Interventions](#)
Rozi Laskaraki, A. Karapetsas , A. Karapetsa , M. Bampou, A. Mitropoulou, *Volos - G*
25. [Developmental Coordination Disorder \(DCD\): Neuropsychological Assessment and Rehabilitation](#)
Rozi Laskaraki, A. Karapetsas , A. Karapetsa , A. Mitropoulou, M. Bampou, *Volos - G*
26. [Greek normative data and discriminant validity of the Wisconsin Card Sorting Test in Parkinson's disease and Huntington's disease patients](#)
Athanasia Liozidou, K. Sirigonaki, L. Stefanis, G. Koutsis, I. Babili, C. Zourna, M. Breza, G. Karadima, I. Zalonis, Athens, Crete - G
27. [Executive function training as intervention to childhood obesity: preliminary results.](#)
Sandra Luis Ruiz, C. Sánchez-Castañeda, S. Miserachs-González, J. Ottino-González, X. Prats-Soteras, I. Garcáa-Garcáa, X. Caldú, M. Garolera, M. Jurado, *Barcelona, Terrassa - E, Montreal - CDN*
28. [Social support and persistent symptoms after mild traumatic brain injury](#)
Kaisa Mäki, T. Nybo, M. Hietanen, S. Melkas, *Helsinki - FI*
29. [Discriminant validity of the attentional battery Kinderversion der Testbatterie zur Aufmerksamkeitspruefung \(KITAP\) for children with ADHD-C](#)
Amaryllis Chryssi Malegiannaki, P. Metallidou, M. Kosmidis, *Thessaloniki - GR*
30. [The ability of the Greek Wechsler Intelligence Scale for Children 3rd edition to discriminate boys with dyslexia or ADHD-C and typically developing children](#)
Amaryllis Chryssi Malegiannaki, T. Mavrea, N. Apteslis, M. Kosmidis, *Thessaloniki - GR*
31. [Can the Trail Making Test be substituted by a 3D computerized visit to a supermarket? Clinical implications for a new selective attention test](#)
Amaryllis Chryssi Malegiannaki, D. Nestoraki, E. Garefalaki, A. Malegiannakis, M. Kosmidis, *Thessaloniki - GR, Stuttgart - D*
32. [Ketogenic Diet in an adolescent with a familial Glucose transporter Type 1 Deficiency Syndrome \(GLUT1 DS\): a neuropsychological longitudinal study](#)
Claire Mayor, C. Mayor, L. Bonafé, C. Tran, S. Lebon, E. Roulet-Perez, *Geneva, Lausanne - CH*



Pio XII

33. Looking at the bright side: Cognitive bias modification by computer training in patients with Borderline Personality Disorder or traits, a randomized controlled trial
Barbara Montagne, J. Willemse, *Amersfoort - NL*
34. Reduced cognitive control and psychopathological symptoms predict eating disorder severity in patients with morbid obesity: Results of a structural equation model with latent dimensions
Silke Mueller, E. Wegmann, M. Lescher, M. Brand, A. Mueller, *Duisburg, Hannover - D*
35. Neuropsychological intervention of dyslexia in young adults has positive effects on their achievement strategies and psychosocial wellbeing
Johanna Nukari, M. Laasonen, E. Arkkila, M. Haapanen, J. Lipsanen, E. Poutiainen, *Helsinki - FI*
36. Age-related structural brain changes in obesity
Jonatan Ottino-González, M. Jurado, B. Segura, I. Garcia-Garcia, X. Caldu, X. Prats-Soteras, S. Luis-Ruiz, S. Miserachs, M. Sender-Palacios, C. Tor, C. Sanchez-Garre, T. Font, N. Miro, M. Garolera, *Barcelona, Terrassa - E, Montreal - CDN*
37. Loss of consciousness or loss of memory indicates slower cognitive recovery after sport related concussion
Kati Peltonen, J. Launes, S. Pajunen, L. Hokkanen, *Helsinki - FI*
38. A short add-on therapy for sleep disturbances in patients with acquired brain injury
Louise Pilon, D. Bertens, N. Frankenmolen, *Nijmegen - NL*
39. False memories in multiple sclerosis patients: preliminary findings
Marco Pitteri, M. Vannucci, S. Ziccardi, M. Beccherle, V. Miranda, C. Semenza, M. Calabrese, *Verona, Florence, Padua - I*
40. Working memory impairment among dyslexic readers
Aleksandra Podgorska, S. Danti, M. Lencioni, S. Massoni, S. Tocchini, *Pisa, Pontedera, Lucca - I*
41. Group interventions for young adults with learning disabilities and/or concurrent mental health problems have an effect on achievement and social strategies
Erja Poutiainen, K. Peltonen, M. Parkkila, J. Nukari, *Helsinki - FI*
42. Post-operative cognitive dysfunction is associated with long-term decline after coronary artery bypass grafting
Kristiina Relander, M. Hietanen, K. Rantanen, R. O. Roine, L. Soinne, *Helsinki, Turku - FI*
43. Open source Open access Reaction Time Test (OORTT): an easy tool to assess reaction times
Mattia Rigoli, A. Facchin, D. Cardile, N. Beschin, C. Luzzatti, *Milan - I*
44. The relationship between cognition and positive basic symptoms in a sample of healthy adolescents
Mabel Rodriguez, *Prague - CZ*



45. EEG resting state networks in chronic stroke patients
Zaira Romeo, D. Mantini, F. Meneghello, M. Zorzi, *Venice, Padua - I, Leuven - B*
46. Visuo-spatial attention in Parkinson patients: evidence from a Line-Bisection Task
Adriana Salatino, S. Palermo, A. Romagnolo, M. Zibetti, C. A. Artusi, G. Chillemi, L. Lopiano, *Brussel - B, Turin, Messina - I*
47. Sense of agency and obesity: evidence of the alteration of sensory attenuation mechanism in affected individuals
Federica Scarpina, C. Fossataro, A. Rossi Sebastiano, F. Bruni, M. Scacchi, A. Mauro, F. Garbarini, *Piancavallo, Turin - I*
48. A comparison between computerized Psychology Experiment Building Language (PEBL) Test Battery and pencil-and-paper neuropsychological tests in elderly and youngers: what is the role of familiarity with technologies in the cognitive performance?
Federica Scarpina, F. D'Agata, L. Priano, A. Mauro *Piancavallo, Turin - I*
49. Verbal executive function tests capture language and control processes in chronic post stroke aphasia
Rahel Schumacher, A. Halai, M. Lambon Ralph, *Cambridge - UK*
50. Learning Disabilities and emotion recognition: is there a relation?
Giulia Spadoni, L. Diari, S. Massoni, S. Tocchini, *Pisa - I*
51. Amyotrophic Lateral Sclerosis (ALS) and Primary Lateral Sclerosis (PLS): the differences in cognitive functioning and emotion recognition
Giulia Spadoni, M. Presenti, D. Orsucci, S. Tocchini, *Pisa - I*
52. The network underlying human higher-order motor control: Insights from machine learning-based lesion-behaviour mapping in apraxia
Christoph Sperber, *Tuebingen - D*
53. Profiles of executive functions among preschool children with psychiatric symptoms
Sini Teivaanmäki, H. Huhdanpää, N. Kiuru, E. Aronen, V. Närhi, L. Klenberg, *Jyväskylä, Helsinki - FI*
54. Visual and auditory sensitivity in CRPS and fibromyalgia suggest changes within the central nervous system
Antonia ten Brink, J. Bultitude, *Bath - UK*
55. Digital Administration of the Trail Making Test: Two Newly Derived Indices
Sarah Tol, J. Heutink, S. de Vries, G. de Haan, O. Tucha, J. Koerts, *Groningen - NL*
56. The Contribution of Executive Cognition to Emotional Regulation: Evidence from the Neuropsychological Assessment of a Patient with PTSD and Cognitive Impairment
Ioannis Tsiaras, A. Papa, K. Podara, N. Sidiropoulos, P. Fotiadis, M. Kosmidis, *Thessaloniki - GR*
57. Domain-specific cognitive dysfunction in long-term lithium treatment: A neuropsychological case
Jussi Valtonen, M. Karrasch, *New York - USA, Turku - FI*



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58. Disorders of visual perception in people with multiple sclerosis: an exploratory study
Fleur van der Feen, G. de Haan, I. van der Lijn, J. Heutink, *Groningen - NL*
59. Outdoor mobility of people with multiple sclerosis: A systematic review
Fleur van der Feen, *Groningen - NL*
60. Visual perceptual disorders in patients with Parkinson's disease
Iris van der Lijn, G. de Haan, F. van der Feen, J. Heutink, *Groningen - NL*
61. The impact of radiotherapy on neurocognitive functioning in adult patients with brain metastases. A systematic review
Eva van Grinsven, S. Nagtegaal, J. Verhoeff, M. van Zandvoort, *Utrecht - NL*
62. Relationships between executive functioning and self-concept in children with ADHD and attention problems
Elina Vierikko, K. Rantanen, *Tampere - FI*
63. Fatigue in daily life: concurrent validity of The Dutch Multifactor Fatigue Scale
Annemarie Visser-Keizer, H. Westerhof-Evers, I. Egberink, *Groningen, Haren - NL*
64. The effect of Deep Brain Stimulation of the Subthalamic Nucleus on language processing in Parkinson's Disease: a review
Sandra Vos, R. Kessels, V. Piai, *Nijmegen - NL*
65. Working memory training does not lead to significant changes in ERP inhibition markers: experimental study of transfer
Łukasz Warchoń, *Bydgoszcz - PL*
66. Validation of a brief neuropsychological tool to guide mental capacity assessments
Sam Webb, F. Payne, A. Jespersen, M. Duta, N. Demeyere, *Oxford - UK*
67. Event segmentation in patients with Parkinson's disease and the influence of event familiarity
Michelle Wyrobnik, E. van der Meer, F. Klostermann, *Berlin - D*



POSTER SESSION 1

6th September 2019

1 pm - 2 pm

68. Concrete signs facilitate wayfinding in patients with Alzheimer's disease dementia
Sebastian Boedeker, M. Toepper, *Bielefeld - D*
69. Identification of predictive variables of burden in caregivers of People living with dementia
Cano Marco Neus, M. Quintana, L. Calvo, M. Cerrillo, C. Guerrero, M. Garolera, *Terrassa, Barcelona - E*
70. Tracking cortical changes throughout cognitive decline in Parkinson's disease: a longitudinal MRI study
Elisa Canu, T. Stojkovic, S. Basaia, I. Stankovic, V. Markovic, I. Petrovic, E. Stefanova, V. Kostic, M. Filippi, F. Agosta, *Milan - I, Belgrade - RS*
71. The application of the Tower of London to studying reasoning strategies and planning in Parkinson's Disease
Simone Cappelli, F. Bruni, E. Fiabane, S. Cammisuli, L. Priano, A. Mauro, F. Scarpina, *Piancavallo TO, Genova - I*
72. Sex differences in cognition and brain volume related to aerobic fitness and physical activity
Alba Castells-Sánchez, F. Roig-Coll, N. Lamonja, G. Pera, M. Alzamora, R. Forés, M. Ceron, S. Domènech, R. Dacosta-Aguayo, P. Torán, K. Erickson, M. Matari, *Barcelona, Badalona - E, New Jersey, Pittsburgh - USA*
73. CLEMENS: an information system dedicated to the needs of a memory center in a hospital environment
Jean-Francois Demonet, D. Damian, M. Bortolotti, M. Laouadi, B. Draganski, A. Brioschi-Guevara, S. Carlier, O. Rouaud, *Lausanne - CH*
74. Cognitive benefits of physical exercise intervention in older adults: the role of brain microstructure and sleep quality
Anna Egbert, R. Falck, J. Best, L. Li, T. Liu-Ambrose, *Vancouver - CDN*
75. A pilot study of a cognitive stimulation programme based on divergent thinking tasks. An application for patients affected by Mild Cognitive Impairment
Giulia Fusi, M. Zanetti, E. Ferrari, L. Rozzini, A. Paladino, A. Antonietti, M. Rusconi, *Bergamo, Brescia, Milan - I*
76. Divergent thinking and cognitive reserve in patients affected by Mild Cognitive Impairment: an observational study
Giulia Fusi, M. Zanetti, A. Paladino, E. Ferrari, C. Bersanini, L. Rozzini, M. Rusconi, *Bergamo, Brescia - I*



Pio XII

77. **Crossmodal short-term memory binding is impaired in Alzheimer's Disease**
Federica Guazzo, A. Baddeley, R. Allen, S. Della Sala, *Edinburgh, York, Leeds - UK*
78. **The development of the Screening of Visual Complaints questionnaire for patients with neurodegenerative disorders: Evaluation of psychometric properties**
Famke Huizinga, J. Heutink, G. de Haan, I. van der Lijn, F. van der Feen, A. Vrijling, B. Melis-Dankers, S. de Vries, O. Tucha, J. Koerts, *Groningen, Huizen - NL*
79. **A modified Neuropsychiatric Inventory (mNPI) for the assessment of symptoms in FTD**
Lize Jiskoot, J. Poos, L. Russell, K. Moore, R. Bond, E. van den Berg, L. Meeter, J. Panman, E. van der Ende, W. Eikelboom, L. Donker Kaat, J. Warren, J. van Swieten, J. Papma, J. Rohrer, *Rotterdam - NL, London - UK*
80. **Global small vessel disease burden on brain MRI predicts cognitive and functional decline**
Hanna Jokinen, J. Koikkalainen, H. Laakso, S. Melkas, T. Nieminen, A. Brander, A. Korvenoja, D. Rueckert, F. Barkhof, P. Scheltens, R. Schmidt, F. Fazekas, S. Madureira, A. Verdelho, A. Wallin, L. Wahlund, G. Waldemar, H. Chabriat, M. Hennerici, J. O'Brien, D. Inzitari, J. Lotjonen, L. Pantoni, T. Erkinjuntti, *Helsinki, Kuopio, Tampere, Espoo - FI, Amsterdam - NL, London, Cambridge - UK, Graz - A, Lisbon - P, Gothenburg, Stockholm - S, Copenhagen - DK, Paris - F, Mannheim - D, Florence, Milan - I*
81. **Effects of cognitive training for older adults with mild to moderate dementia: Findings from a randomized controlled trial**
Eeva-Liisa Kallio, M. Hietanen, H. Kautiainen, K. Pitkälä, *Helsinki - FI*
82. **About the efficacy of EEG neurofeedback in elderly patients with minor neurocognitive disorder with and without depression: Evidence from two case studies**
Liane Kaufmann, S. Kober, G. Wood, J. Marksteiner, *Hall in Tirol, Graz - A*
83. **Loneliness and burden perceived by family caregivers of elderly patients diagnosed with dementia**
Liane Kaufmann, V. Bramboeck, K. Moeller, J. Marksteiner, *Tuebingen - D, Graz - A*
84. **Predictors of pain in patients with Alzheimer's disease: Results from a cohort study**
Liane Kaufmann, K. Moeller, S. Huber, J. Marksteiner, *Hall in Tirol - A, Tuebingen, Albstadt - D*
85. **Emotional memory in patients with Alzheimer's disease and frontotemporal dementia**
Myrto Koutsonida, E. Aretouli, P. Ioannidis, *Thessaloniki - GR*
86. **Verbal semantic fluency performance for living things differentiates between healthy controls and patients with very early Alzheimer's disease**
Sabine Krumm, M. Berres, S. Kivisaari, A. Monsch, R. Kressig, K. Taylor, *Basel - CH, Remagen - D, Aalto - FI*



87. [Gender-specific protective effects of APOE on cognitive performance](#)
Noemi Lamonja, R. Dacosta-Aguayo, J. López-Olóriz, L. Prades-Senovilla, F. Roig-Coll, A. Castells-Sánchez, J. Soriano-Raya, I. Clemente, E. López-Cancio, C. Cáceres, J. Arenillas, L. Muñoz, P. Torán, G. Pera, R. Fores, M. Alzamora, M. Mataró, M. Via, *Barcelona, Oviedo, Matarí - E*
88. [Can performance on a verbal learning test be predicted by trajectories of lateral ventricles in middle aged and older adults? - A combined imaging, longitudinal mixed-effect modelling, and machine learning study](#)
Astri J. Lundervold, A. Vik, A. Lundervold, *Bergen - N*
89. [Neuro-cognitive testing and stimulation therapy for a Moroccan patient with AD](#)
Taiebine Mohamed, M. El Alaoui Faris, *Rabat - MA*
90. [Perceptual and attentional impaired mechanisms in Posterior Cortical Atrophy](#)
Silvia Primativo, S. Crutch, I. Pavisic, K. Yong, R. Daini, *Rome, Milan - I, London - UK*
91. [What impact has the cognitive level on the use of an e-health application in people living with dementia?](#)
Maria Quintana, R. Garcia-Betances, N. Cano, N. Cerulla, G. Chico, M. Garolera, *Terrassa, Madrid - E*
92. [Factors influencing adherence to aerobic exercise, cognitive and combined training](#)
Francesca Roig-Coll, A. Castells- Sánchez, N. Lamonja, G. Pera, M. Alzamora, R. Forés, P. Torán, K. Erickson, M. Mataró, *Barcelona, Matarí - E, Pittsburgh - USA*
93. [Complexity in neuropsychological assessment of cognitive impairment: a network analysis approach](#)
Daniele Romano, G. Tosi, C. Borsani, R. Daini, S. Castiglioni, M. Franceschi, *Milan, Castellanza - I*
94. [Advances in the use of the Face-Name Associative Memory Exam \(FNAME\) for the early diagnosis of cognitive impairment in the Spanish population](#)
José Ángel Rubiño, F. Guillem, F. Flores-Vázquez, S. Enriquez-Geppert, P. Andrés, *Palma de Mallorca - E, Groningen - NL*
95. [Benefit of minimal interference on gist and peripheral memory retrieval in healthy younger and older adults](#)
Riccardo Sacripante, R. McIntosh, S. Della Sala, *Edinburgh - UK*
96. [A very light lunch: interoceptive deficits and food aversion at onset in a case of behavioural variant Frontotemporal Dementia](#)
Gerardo Salvato, M. Mercurio, M. Sbenà, E. Paulesu, G. Bottini, *Pavia, Milan - I*
97. [Errorless and errorful learning in ageing using the Drawer Task](#)
Inge Scheper, E. de Bruijn, D. Bertens, L. Mulder, I. Brazil, R. Kessels, *Nijmegen, Leiden - NL*
98. [How do older adults respond to head-mounted virtual reality?](#)
Brenda Schraepen, H. Huygellier, R. van Ee, V. Vanden Abeele, C. Gillebert, *Leuven - B*



Pio XII

99. Development and usability testing of a Virtual Reality-based test for awareness of memory deficits in Alzheimer's Disease
Silvia Serino, A. Serino, *Lausanne - CH*
100. Impact of depression on semantic processing in Alzheimer's disease : results from an affective priming paradigm
Isabelle Simoes Loureiro, K. Gerin, A. Rendon de la Cruz, K. Kandana Arachchige, M. Rossignol, L. Lefebvre, *Mons - B*
101. Investigating accelerated long-term forgetting in Alzheimer's disease
Andrea Stamate, R. Logie, A. Baddeley, S. Della Sala, *Edinburgh, York - UK*
102. Evidence for a selective impairment in contingency learning in Mild Cognitive Impairment patients
Alice Teghil, F. D'Antonio, M. Boccia, A. Di Vita, G. Zazzaro, A. Campanelli, A. Trebbastoni, C. de Lena, S. Ferracuti, C. Guariglia, *Rome - I*
103. Homework compliance of people with Amnestic Mild Cognitive Impairment (a-MCI) in the context of a cognitive intervention
Marta Vancells Graupera, M. Garolera, O. Gelonch, N. Cano, *Barcelona, Terrassa- S*
104. The effectiveness of virtual reality-based cognitive training in older adults
Ludmiła Zaj c-Lamparska, M. Wilkosc-Debczynska, P. Izdebski, *Bydgoszcz - PL*



POSTER SESSION 3

7th September 2019

1.3 pm - 2.3 pm

- 105. **Memory Deficits in Patients with Major Depression: Aren't they trying hard enough?**
Thomas Beblo, D. Dehn, *Bielefeld - D*
- 106. **Multisensory Temporal Binding Window in multiple sclerosis**
Alice Belloni, S. Giurgola, C. Casati, F. Mattioli, L. Perucca, N. Bolognini, G. Vallar, *Milan, Brescia - I*
- 107. **Crossed aphasia confirmed by fMRI in a case with nonfluent variant of primary progressive aphasia carrying a GRN mutation**
Elisa Canu, V. Bessi, M. Leocadi, S. Padiglioni, B. Nacmias, S. Sorbi, M. Filippi, F. Agosta, *Milan, Florence - I*
- 108. **The impact of bilingualism and multilingualism on neuropsychological test performance in older adults: systematic review**
Simge Celik, E. Kokje, P. Meyer, L. Froelich, B. Teichmann, *Heildeberg, Mannheim - D*
- 109. **The benefits of retrieval practice: A study on the long-term retention of prose**
Carolane Helin, K. Siemek, J. Wallace, S. Della Sala, S. MacPherson, *Edinburgh - UK*
- 110. **Boosting learning efficacy with non-invasive brain stimulation in intact and brain-damaged humans**
Florian Herpich, M. Melnick, S. Agosta, K. Huxlin, D. Tadin, L. Battelli, *Wasserburg am Inn - D, Rochester, Boston - USA, Rovereto - I*
- 111. **The effects of music on motor learning is related to perceived emotion.**
Giovanna Lagravinese, G. Bonassi, E. Pelosin, M. Putzolu, M. Bove, L. Avanzino, *Genoa - I*
- 112. **Spared reading in degenerative jargonaphasia: a single case study**
Federica Lucchelli, C. Luzzatti, *Milan - I*
- 113. **A review of the inclusion criteria applied in bilingualism studies**
Daniele Orlandi, *Milan - I*
- 114. **The effect of motor awareness in the temporal representation of the action**
Valentina Pacella, M. Bi , V. Gobetto, N. Smania, D. Volpe, R. Avesani, V. Moro, *Rome, Verona, Vicenza - I*
- 115. **Effects of theta burst stimulation over the left dorsolateral prefrontal cortex on language switching in healthy bilinguals**
Maria Pestalozzi, *Fribourg - CH*
- 116. **Naming famous people through face and voice: a normative study**
Chiara Piccininni, G. Gainotti, C. Marra, G. Carlesimo, S. Luzzi, C. Papagno, L. Trojano, D. Quaranta, *Rome, Ancona, Milan, Caserta - I*



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117. **Objective cognitive fatigue in Multiple Sclerosis patients at the time of diagnosis**
Marco Pitteri, C. Dapor, M. Guandalini, S. Ziccardi, M. Calabrese, *Verona - I*
118. **Oxytocin regulates verbal memory in female adolescents with high BMI**
Xavier Prats-Soteras, M. Jurado, J. Ottino-González, I. García-García, X. Caldú, S. Luís-Ruiz, C. Sánchez-Castañeda, S. Escudero, M. Sender-Palacios, C. Sánchez-Garre, N. Miró, T. Font, C. Tor, M. Garolera, *Barcelona, Terrassa - E, Montreal - CDN*
119. **Does number of repetitions of information during learning determine rate of forgetting?**
Karim Rivera Lares, S. Della Sala, A. Baddeley, R. Logie, *Edinburgh, York - UK*
120. **Multisensory effects in adaptation to optical prisms in right hemianopic patient. A single case study**
Federica Albini, A. Salvatore, E. Calzolari, A. Pisoni, C. Casati, S. Bianchi Marzoli, A. Falini, S. Crespi, C. Gori, A. Castellano, N. Bolognini, G. Vallar, *Milan - I, London - UK*
122. **The downsized hand in personal neglect**
Lisa S. Arduino, L. Veronelli, P. Caggiano, L. Mora, G. Cocchini, *Rome, Milan - I, London - UK*
122. **A comparison of psychometric tests and immersive Virtual Reality to assess spatial memory in clinical neuropsychology**
Julia Belger, J. Tromp, M. Gaebler, S. Krohn, C. Finke, F. Klotzsche, P. Chojecki, E. Quinque, A. Villringer, A. Thöne-Otto, *Leipzig, Berlin - D*
123. **No longer lost: theoretical and clinical insights from neuropsychological rehabilitation of acquired topographical disorientation**
Maddalena Boccia, A. Bonavita, S. Diana, A. Di Vita, P. Ciarli, C. Guariglia, *Rome - I*
124. **Linear and central space representation in Parkinson's Disease: a comparison between haptic and visuo-haptic sensory modalities**
Simone Cappelli, L. Priano, A. Mauro, F. Scarpina, *Piancavallo - I*
125. **Body representations in children with cerebral palsy**
Antonella Di Vita, C. Cinelli, S. Raimo, M. Boccia, S. Buratin, P. Gentili, M. Inzitari, T. Iona, M. Iosa, A. La Vitola, D. Morelli, F. Ruggeri, G. Russo, C. Guariglia, L. Palermo, *Rome, Catanzaro, Vicenza - I*
126. **Spatial neglect and level of awareness evaluated in everyday activities by behavioural and neuronal data**
Daniela D'Imperio, L. Passarini, A. Quadrini, Z. Romeo, F. Meneghello, M. Zorzi, *Ancona, Venice, Padua - I*
127. **The anatomical signature of hemianopia and pseudo-hemianopia in neglect patients through the comparison of direct and indirect behavioural tasks**
Alessio Pietro Facchin, N. Beschin, R. Daini, *Milan, Somma Lombardo - I*
128. **For the face only: mismatch detection reveals face-like configuration preference**
Mattia Galigani, I. Ronga, C. Fossataro, V. Bruno, F. Garbarini, *Turin - I*



129. Disputing <neglect-like> symptoms in unilateral chronic pain
Monika Halicka, A. Vittersø, M. Proulx, J. Bultitude, *Bath - UK*
130. New insights on how to quantify spatial biases on cancellation tasks
Hanne Huygelier, C.R. Gillebert, *Leuven - B, Oxford - UK*
131. Does the <Two-pathway model> predict the clustering of deficits in primary visual cues after stroke
Nikki Lammers, N. van den Berg, Y. Pinto, E. de Haan, *Amsterdam - NL*
132. Detection of maladaptive emotional regulation in the profile of patients diagnosed with psychogenic non-epileptic seizures (PNES) compared to healthy population
L. Krámská, L. Hrešková, Z. Vojt ch, *Prague - CZ*
133. Transcranial direct current stimulation (tDCS) in post-stroke neglect rehabilitation: a research proposal for a triple blind controlled trial
Elena Munoz, B. Gonzalez Rodriguez, D. De Norena, M. Rios Lago, J. P. Romero, *Barcelona, Madrid - E*
134. Owning my hand: manipulating body ownership in immersive virtual reality
Maria Pyasik, G. Tieri, L. Pia, *Turin, Rome - I*
135. Body Representations in patients with unilateral brain damage
Simona Raimo, M. Boccia, A. Di Vita, T. Iona, M. Cropano, A. Ammendolia, M. Caruso, R. Colao, M. Iocco, V. Angelillo, C. Guariglia, D. Grossi, L. Palermo, *Catanzaro, Rome, Caserta - I*
136. Interoceptive sensibility tunes risk-taking behaviour when body related stimuli come into play
Gerardo Salvato, G. De Maio, G. Bottini, *Pavia - I*
137. Exclusion of light scatter as a possible explanation for blindsight
Doris Schmid, T. Schenk, *Munich - D*
138. Ignoring space around a painful limb: protocol for studying ‘neglect-like’ attention bias in CRPS
Antonia ten Brink, J. Bultitude, *Bath - UK*
139. Exploring the spatial frames and time course of Prism Adaptation. An egocentric process?
Stefano Terruzzi, D. Crivelli, E. Campana, A. Pisoni, L. Romero Lauro, N. Bolognini, G. Vallar, *Milan - I*
140. Are multisensory integration and episodic memory recognition relevant for body image? a proof-of-concept study
Cosimo Tuena, C. Tuena, M. Muratore, A. Chirico, S. Serino, C. Malighetti, E. Pedroli, P. Cipresso, G. Riva, *Milan - I, Lausanne - CH*
141. Bottom-up processing of illusory contours? Just an illusion
Kathrin Utz, S. Rampp, T. Schenk, *Erlangen, Munich - D*



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142. Large perceptual space in dual-task reveals latent inattention in right hemisphere stroke patients
Sanna Villarreal, M. Linnavuo, O. Vuori, H. Jokinen, R. Sepponen, M. Hietanen, *Helsinki, Espoo - FI*
143. The anatomical network of spatial neglect: insights from machine-learning based lesion-behaviour mapping
Daniel Wiesen, C. Sperber, G. Yourganov, C. Rorden, H. Karnath, *Tuebingen - D, Columbia - USA*
144. Rehabilitation of visual disorders after stroke
Gry Zornhagen, *Copenhagen - DK*
145. Insight of executive cognition impairments in patients with mild cognitive impairment and associations with everyday functioning
E. Aretouli, O. Dede, J. Brandt, *Thessaloniky - GR, Baltimore - USA*
146. Behaviour regulation after TBI and SAH: associations with recognition of negative emotions, negative attribution bias and impaired self-awareness
L.S. Jorna, S. Khosdelazad, H.J. Westerhof, S.E. Rakers, R.J.M. Groen, J. van der Naalt, A.M. Buunk, J.M. Spikman, *Groeningen - NL*

Registration Fees



Fees apply to payments received prior to the indicated deadlines.

	Ordinary Rate from March 16, 2019 to September 4, 2019	Onsite Rate from September 5, 2019
Member	€ 350,00	€ 400,00
Non member	€ 450,00	€ 500,00
Student/Trainees/ Allied Professionals *	€ 150,00	€ 150,00
Daily Registration Member	€ 175,00	€ 200,00
Daily Registration Non Member	€ 220,00	€ 235,00
Daily Registration Student/Trainees / Allied Professionals *	€ 75,00	€ 75,00

Prices excluding VAT

* Students/Fellow/Allied Professional: In order to benefit from the special fee, a submission of your status confirmation (approval letter signed by the Head of Department or copy of your status ID) must be uploaded during the Online registration.

REGISTRATION FEES FOR PARTICIPANTS INCLUDE

- Participation in all scientific sessions
- Congress publications
- Access to the Exhibition Area
- Invitation to the Welcome Reception

PAYMENT METHODS

Payment of registration fees (in EUR) can be made as follows:

By Credit Card: Visa, MasterCard

GROUP REGISTRATION

For group registration of 10 delegates or more, companies are requested to contact:
laura.franci@neuro.it



CONGRESS VENUE

Università Cattolica del Sacro Cuore
Largo A. Gemelli, 1
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Via del Rastrello, 7
53100 Siena
Tel. 0577 286003
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LANGUAGE

The official conference language is English and no translation/interpretation service will be offered.

EMERGENCY

In emergency situations, you can contact the local police, ambulance service, fire department and other emergency services by calling 112.

HEALTH AND IMMUNIZATIONS

Vaccination certificates are usually not needed when travelling to Italy but please check with your local embassy as requirements may change.

TELEPHONES

International dialing code for Italy: +(39).

ELECTRICITY

The standard electrical voltage in Italy is 220 volts AC, 50 Hz (hotel bathrooms may also have outlets for 100 volts). The electrical outlets in Italy take two-pronged, round-pin plugs. We recommend that you purchase an adaptor for your electrical equipment prior to your arrival.

WEATHER

Average temperature for September: 17-22 Celsius.
Even though it is summer we recommend bringing some wetweather gear for the occasional rain shower.

WATER

Tap water is safe to drink in Italy.



ECM

The conference Provider is SIN (Italian Society of Neurology cod. no. 1802). Application will be made for the awarding of accreditation to the Italian National Commission for Continuing Education in Medicine (ECM) of AGENAS (the Italian National Agency for Regional Health Services) for Italian participants and also for the European Agency for International delegates.

The event will be accredited ECM for the following professional figures:

- Medical doctor
- Psychologist
- Neuropsychologist

The accreditation will be made for the entire event.

To receive the credits, it will be necessary to take part in 90% of the training activities. Attendance at the conference will be checked through the use of barcoded badges.

