



XXXIII CONGRESSO NAZIONALE SIPF

17-19 SETTEMBRE 2025

POLO ZANOTTO UNIVERSITA' DEGLI STUDI DI VERONA

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PROGRAMMA

17 SETTEMBRE

8.00-8.45 REGISTRAZIONE E INTRODUZIONE

AULA 1

8.45-10.00 Simposio I – Apathy and Neurological Diseases: Unveiling a Frequently Underestimated Symptom

Moderatore: Tommaso Bocci, Milano

Neuropsychological Correlates of Apathy in Neurological Diseases

Gabriella Santangelo, Milano

Role of the Dopaminergic System and Assessment of Apathy in Neurodegenerative Diseases

Serena Oliveri, Caserta

Neurophysiological features of Apathy in Neurodegenerative Disorders

Tommaso Bocci, Milano

AULA 2

8.45-10.00 Simposio II – Tracing Brain Evolution Through Fossils and Digital Models

Moderatore: Alberto Arturo Vergani, Pavia

The shape of our mind: unravelling Primate Brain Evolution with RRmorph

Carmela Serio, Napoli

Shaping minds, shaping stones. How tool use and brain lateralization shaped human cognition

Marina Melchionna, Napoli

Some like it hot, and smart. The evolutionary byproducts of the human brain shape

Gabriele Sansalone, Modena

AULA 1

10.00-10.30 APERTURA LAVORI

10.30-11.15 LETTURA MAGISTRALE: SALVATORE MARIA AGLIOTI

11.15-11.45 COFFEE BREAK



AULA 1

11.45-13.00 Simposio III – A journey into body-brain interactions: How internal bodily signals shape cortical processes

Moderatore: Elena Mussini, Milano

Balancing excitation and inhibition in the motor cortex: the role of cardiac phasic signals

Paolo Di Luzio, UK

In the rhythm of action: How the heart drives motor processes at the cortical level

Elena Mussini, Milano

Heartbeat-evoked oscillations and connectivity: the role of respiratory phases and alpha power

Andrea Zaccaro, Chieti

AULA 2

11.45-13.00 Simposio IV – Multimodal comparative characterization of the human motor system

Moderatore: Luca Forna, Milano

The human structural connectivity supporting object manipulation: evidences from direct electrical stimulation and diffusion tracrography

Luca Viganò, Milano

Motor representations in the human cortico-spinal motor system

Luca Turella, Trento

Cross-Species Comparison of Functional Connectivity-Based Parcellation

Luciano Simone, Parma

13.00-14.15 PRANZO E SESSIONE POSTER I

AULA 1

14.15-15.30 Simposio V – Adapting to Move: Bridging Cognition, Perception, and Motor Control

Moderatori: Matteo Bertucco, Verona - Marco Bove, Genova

The role of the ipsilateral hemisphere during unilateral finger movements of different complexity

Costanza Iester, Genova

Understanding the critical processes involved in the peripheral vision: The motor control of the fixational eye movements

Alessandro Piras, Bologna

Static and dynamic balance control mechanisms: The influence of training and cognitive-motor dual task

Giuseppe Marcolin, Padova

15.30-16.45 – Comunicazioni orali



AULA 2

14.15 – 15.30 Simposio VI – Prejudice, Proxemic Space and Social Odor: the representation of the 'outsider' through an evolutionary-metaverse psychology perspective

Moderatore: Sara Invitto, Lecce

Electrophysiological Responses to Chemosensory Modulation: Investigating Implicit Prejudice in a Virtual Reality Metaverse

Sara Invitto, Lecce

Virtual Reality Exploration of Explicit Prejudices: Chemosensory Modulation in Social Decision-Making

Carmelo Vicario, Messina

Implicit Bias and Chemosensory Influence: Analyzing Prejudices Through the Implicit Association Test

Giuseppe Curcio, L'Aquila

15.30-16.45 – Comunicazioni orali

AULA 1

16.45-18.00 Simposio Congiunto SIN-SIPF - The mind-brain-body interaction: the case of Functional Neurological disorders

Moderatori: Marina de Tommaso, Bari - Alessandro Padovani, Brescia

The phenomenology of functional motor disorders

Michele Tinazzi, Verona

Functional non-epileptic seizures

Francesco Brigo, Bolzano

Functional Motor Disorders: A Mechanistic Perspective

Roberto Erro, Salerno

The Role of Nocebo Mechanisms in the Pathophysiology of Functional Neurological Disorders

Angela Marotta, Verona

18.00-19.30 WELCOME COCKTAIL E SESSIONE POSTER I



18 SETTEMBRE

AULA 1

9.00-10.15 Simposio VII – Brain state unveiled with TMS/EEG

Moderatore: Leo Tomasevic, DE

Unlocking Brain Dynamics: Leveraging Network-Level States for Tailored Transcranial Magnetic Stimulation

Laura Marzetti, Chieti

Task modulation offers novel insights into TMS-evoked potentials

Agnese Zazio, Brescia

Transcranial evoked potential (TEP) of the primary motor hand area shaped by the shape of the mu rhythm

Leo Tomasevic, DE

AULA 2

9.00-10.15 Simposio VIII – Interneural Synchrony as a Marker of Social Adaptation Across Species and Development

Moderatore: Giacomo Novembre, Genova

Inter-brain circuits of emotion recognition

Francesco Papaleo, Genova

Inter-neural co-regulation before and after an interactive perturbation in mother-infant dyads

Livio Provenzi, Pavia

Shared musical pleasure modulates prefrontal activity and inter-neural synchrony: an fNIRS hyperscanning study

Laura Ferreri, Pavia

AULA 1

10.15-11.00 PREMIO SIPF 2025

11.00-11.30 COFFEE BREAK

AULA 1

11.30-12.45 Simposio IX – Maladaptive agency experiences in neuropsychiatric disorders: from experimental dissociations to clinical manifestations

Moderatore: Laura Zapparoli, Milano

Dissecting the sense of agency in schizophrenia: systematic review and new experimental findings

Ileana Rossetti, Milano

An investigation of the experience of control through the sense of agency in people with obsessive-compulsive disorder

Davide Fausto Borrelli, Parma

Motor bodily illusion reveals altered body schema and implicit, but not explicit, sense of agency in functional motor disorder

Veronica Nisticò, Milano



AULA 2

11.30-12.45 Simposio X – Emotions do not (always) take ourself control: unveiling the link between emotional stimuli and behavioral responses

Moderatore: Giovanni Mirabella, Brescia

Emotional expressions don't control you! Your reactions are shaped by your goals

Martina Montalti, Messina

Emotion regulation during development and brain plasticity in primates

Pierfrancesco Ferrari, FR

The multiple pathways linking emotion and action under visual unawareness

Marco Tamietto, Torino

12.45-14.00 PRANZO E SESSIONE POSTER II

AULA 1

14.00-15.15 Simposio XI – Placebo and Contextual Effects: From Pain to Motor Performance and Clinical Practice

Moderatori: Elisa Carlino, Torino - Alessandro Piedimonte, Torino

Placebo, Nocebo, and Pain: The Role of the Predictive Brain

Eleonora Camerone, UK

Placebo and Motor Performance: Central and Peripheral Components of Fatigue Modulation

Valeria Volpino, Torino

Contextual Effects in Musculoskeletal Therapy: New Evidence and Clinical Applications

Giacomo Rossetтини, Verona

15.15-16.30 Comunicazioni orali

AULA 2

14.00-15.15 Simposio XII – Early socio-cognitive development where it happens: Neural and behavioral insights from infant-caregiver interactions and neurodevelopmental risk

Moderatore: Livio Provenzi, Pavia

The Developing Brain in a Social Context: Exploring the Relationship Between Exposure to Caregivers' Faces and Neural Correlates of Infant Attention

Anna Gui, UK

Early Developmental pathways in infants at elevated likelihood for autism: towards an innovative biomarker approach to the study of social and non-social audiovisual processing

Valentina Riva, Bosisio Parini

The maternal brain as a place for nurturing infant stress regulation development: Exploring maternal frontal alpha asymmetry (FAA) across the still-face procedure

Miriam Paola Pili, Pavia



15.15-16.30 Comunicazioni orali

16.30-17.00 COFFEE BREAK E SESSIONE POSTER II

AULA 1

17.00-17.30 PREMIO SIPF JUNIOR E PREMIO SIPF-ITRN

17.30-18.00 ASSEMBLEA SIPF



19 SETTEMBRE

AULA 1

9.00-10.15 Simposio XIII – Novel views on the Neuroscience of Reaching and Grasping Movements

Moderatore: Luigi Cattaneo, Trento

Quantitative causal characterization of the grasping and reaching networks' anatomy in humans: evidence from brain lesions

Luigi Cattaneo, Trento

The role of the posterior parietal cortex in reaching and grasping corrections

Rossella Breveglieri, Bologna

Neural latent variables in the monkey posterior parietal cortex

Stefano Diomedì, Bologna

AULA 2

9.00-10.15 Simposio XIV – Interoception in Neurological and Neuropsychiatric Patients

Moderatori: Maddalena Beccherle, Verona - Gerardo Salvato, Pavia

The contribution of thermosensory signals to bodily awareness

Paul Jenkinson, AU - Gerardo Salvato, Pavia

Affective touch modulates the sense of body ownership

Laura Crucianelli, UK - Paul Jenkinson, AU

Interoception and corporeal awareness in Spinal Cord Injuries

Maddalena Beccherle, Verona - Valentina Moro, Verona

AULA 1

10.15-11.00 LETTURA MAGISTRALE: ANNA BERTI

11.00-12.00 COFFEE BREAK E POSTER SESSION III

AULA 1

12.00-13.15 Simposio XV – Plasticity in early and late blindness: from vision to cognitive maps

Moderatori: Maria Concetta Morrone, Pisa - Silvia Savazzi, Verona

Functional reorganization in visual networks: Insights from inherited retinal dystrophies

Chiara Mazzi, Verona

Remodeling of visual areas in late blind patients with retinal prosthesis

Maria Concetta Morrone, Pisa

Navigating knowledge in sighted and blind. Insights on the ontogenetic development of hippocampal cognitive maps

Roberto Bottini, Trento



AULA 2

12.00-13.15 Simposio XVI - The biological correlates of interpersonal adaptation: measuring neurophysiological synchrony in social interactions across varying levels of complexity

Moderatori: Sarah Boukarras, Roma - Federico Rossano, Roma

Physiological signals synchronize interpersonally through mere visual contact and touch

Atesh Koul, Genova

The Role of Physiological Synchrony in Trust and Cooperation during Dyadic Interactions

Fabbiola Diana, NL

Interpersonal Brain Synchrony in Social Bonds: The Role of Interpersonal Closeness and Social Interactivity

Alessandro Carollo, Trento

AULA 1

13.15-13.45 PREMIO MIGLIOR CONTRIBUTO SCIENTIFICO

13.45-15.00 PRANZO E POSTER SESSION III

15.00 CHIUSURA DEI LAVORI E COMPILAZIONE QUESTIONARIO ECM