



**Cutting
Gardens**
2026

EEG and MEG methods
multi-hub meeting

VERONA GARDEN

21-25 September 2026



**UNIVERSITÀ
di VERONA**
Dipartimento
di NEUROSCIENZE,
BIOMEDICINA E MOVIMENTO



Università di Verona
Polo Santa Marta
Via Cantarane 24, Verona, Italy

LOCAL PROGRAM (9:00 – 13:00)

		Talk 1	Talk 2	Talk 3	Hands-on
MONDAY 21/09/26		 Travel time to Verona (Global talks will regularly take place in the afternoon)			REMEMBER TO TRAVEL SUSTAINABLY!
TUESDAY 22/09/26	Open science	M. BORTOLETTO & C. BAGATTINI Team for TMS-EEG (T4TE): An open large-scale initiative to understand variability in TMS-EEG research	A. VITALE & A. PASCARELLA EEGManyPipelines: An initiative that aims at studying how different analysis approaches affect the results	A. ZAZIO EEGManyLabs: A multisite replication of alpha phase effects on visual perception	A. PASCARELLA EEG Source Reconstruction
WEDNESDAY 23/09/26	TMS-EEG	L. MARZETTI Probing Brain Dynamics with TMS-EEG: Network-Level Brain States and Their Modulation	L. TOMASEVIC TMS/EEG: from TEP to i-TEP	E. CASULA Personalized Brain Stimulation in Cognitive Decline: A TMS-EEG-MRI Approach	D. BONFANTI & E. ARRIGONI TMS-EEG preprocessing
THURSDAY 24/09/26	Clinic M/EEG	G. BERNARDI Sleep slow waves as markers of experience-dependent plasticity and brain development	D. BOTTARI Leveraging neural entrainment: from highly controlled to naturalistic EEG paradigms for probing neural representations	S. ZAGO Beyond EEG: What MEG Adds to Clinical and Translational Neurophysiology	A. FEDERICI Neural Tracking of Continuous Stimuli (mTRFtoolbox)
FRIDAY 25/09/26	Neuro AI	S. F. STORTI Decoding brain signals with AI: What we can (and cannot) learn from EEG	P. ROTA Foundation Models Beyond Domain Boundaries	M. ATZORI Overcoming Methodological Challenges in EEG Deep Learning: Generalizability, Preprocessing, and Explainability	I. SIVIERO Decoding brain signals with AI

GLOBAL talks will be broadcast every afternoon from 14:00 to 17:00
The full program will be available soon. Scan the QR code to visit the website!



LOCAL ORGANIZING COMMITTEE

- **Eleonora Arrigoni** - University of Milano-Bicocca
- **Chiara Bagattini** - University of Verona
- **Giulio Bernardi** - IMT School for Advanced Studies Lucca
- **Elena Bertacco** - University of Verona
- **Davide Bonfanti** - University of Verona
- **Marta Bortoletto** - IMT School for Advanced Studies
- **Davide Bottari** - IMT School for Advanced Studies Lucca
- **Arianna Caputo** - Sapienza University of Rome
- **Elisabetta Colombari** - University of Verona
- **Chiara Mazzi** - University of Verona
- **Annalisa Pascarella** - National Research Council
- **Alberto Pisoni** - University of Milano-Bicocca
- **Andrea Vitale** - University of Trento
- **Sara Zago** - University of Verona



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