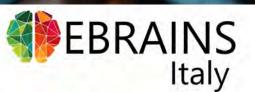# ANEIS

Applied Neurosciences EBRAINS-Italy School:
Linking Neurotechnology to Clinics

Panayiota Poirazi
Stefano Fusi
Wulfram Gerstner
Alessandro Treves
Michele Migliore
and others

Sep 8-14, 2024
Ventotene Island (IT)

Register here

EBRAINS
Italy

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PIANO NAZIONALE
DI RIPRESA E RESILIENZA

Ministero dell'Università
e della Ricerca

Applied Neurosciences EBRAINS-Italy School (ANEIS): Linking neurotechnology to clinic

Ventotene Island (Italy)

PRELIMINARY PROGRAMME

	Day	Morning Lectures
domenica 8 settembre 2024	1	**Arrival of the delegates and welcome**
lunedì 9 settembre 2024	2	**Systems Neuroscience**
		Mavi Sanche-Vives
		Andrea D'Avella
		Stefano Ferraina / Michele Giugliano?
		AFTERNOON PRACTICAL WORK
martedì 10 settembre 2024	3	**Neuroinformatics (+Computational neuroscience II)**
		Yiota Poirazi
		Giancarlo La Camera
		Michele Migliore
		AFTERNOON PRACTICAL WORK
mercoledì 11 settembre 2024	4	**Theoretical/Computation neuroscience**
		Gianluigi Mongillo
		Alessandro Treves
		Stefano Fusi
		FREE AFTERNOON - SOCIAL PROGRAMME TRIP TOURISM
giovedì 12 settembre 2024	5	**Data analysis (+ Neuroinformatics)**
		Alberto Mazzoni
		Maurizio Mattia / Jonathan Mapelli ?
		Wulfram Gerstner
		AFTERNOON PRACTICAL WORK - SOCIAL DINNER
venerdì 13 settembre 2024	6	**Clinical applications**
		Giacomo Kock
		Pierpaolo Sorrentino
		Pietro Avanzini
		FINAL PRESENTATION OF THE PROJECTS!
		Hands-on Projects (afternoons)
	1	Motor planning decoding in NHP
	2	Inferring RNN models matching data
	3	Inferring single-cell parametres from electrophysiol traces
	4	Reconstruction of network from anatomical imaging