Milan Workshop

on Computational Methods For Mental Health and Well Being 2025

The MINDFUL Group welcomes you to the second edition of the Milan Workshop on Computational Methods For Mental Health and Well Being!

REGISTER HERE FOR FREE!

This in-person event will feature experts in the field sharing their knowledge and insights. Don't miss this opportunity to enhance your understanding of computational methods for mental health and well-being. Registration details will be available shortly!

Event details

- Friday 20th June 2025
- 8:30 - 18:00
- UNIMIB - Building U4 TELLUS (Piazza della Scienza 4, Milano) - Room 8: Aula Luisella Sironi (1st basement floor)
- FREE EVENT with registration
- Contact us for info francesca.gasparini@unimib.it

The general topics

- Computational neuroscience
- LLM in mental disorders
- Processing for digital health records
- New Technologies for Well-Being and Rehabilitation

Tentative Program

Schedule	Session	Speaker	Organization	Title of the talk
8:30	**Registration**			
9:00	**Introduction**			
9:15	**Computational neuroscience**	Stefania Coelli	Politecnico di Milano	From static to dynamic functional connectivity for the study of brain networks underlying cognition and motor control
		Letizia Squarcina	Università degli Studi di Milano	Magnetic resonance imaging methodologies in major psychiatric disorders
		Eleonora Maggioni	Politecnico di Milano	Multimodal and multicentric data integration for studying psychiatric disorders
		QUESTION SESSION		
10:30	**Coffee Break**			
11:00	**LLM in mental disorders**	Dario Palpella	Università degli Studi di Milano-Bicocca	Computational NLP metrics for language analysis in severe mental disorders
		Giulia Rizzi & Alessandra Grossi	Università degli Studi di Milano-Bicocca	MIND-IT: A Multimodal Sentiment Analysis System for Detecting Mental Disorders in Italian Speech
		Marco Cremaschi	Università degli Studi di Milano-Bicocca	Decoding the mind: A RAG-LLM on ICD-11 for decision support in psychology
		Davide Barbera	Università degli Studi di Milano-Bicocca	Beyond the Black Box: A Hybrid Pipeline for Interpretable Detection of Depression Symptoms
		QUESTION SESSION		
12:35	**Lunch**			
14:30	**Processing for digital health records**	Davide Chicco	Università degli Studi di Milano-Bicocca	Longitudinal clustering applied to multivisit data of patients with psychological health issues
		Georgios Peikos	Università degli Studi di Milano-Bicocca	LLM-based Information Extraction from Clinical Notes for Downstream Healthcare Applications
		Gian Carlo Milanese	Università degli Studi di Milano-Bicocca	Integrating LLMs and knowledge graphs for fact-driven health information retrieval
		QUESTION SESSION		
15:45	**Coffee Break**			
16:15	**New Technologies for Well-Being and Rehabilitation**	Gaia Locatelli	Università degli Studi di Milano-Bicocca, IUSS Pavia	Machine Learning-based Algorithms for Emotion Recognition
		Teresa Di Bella	Università degli Studi di Milano-Bicocca	From concept to prototype: a serious game design journey
		Eleonora Chitti	Università di Milano	Mixed Reality Applications to support Freezing of Gait Rehabilitation
		QUESTION SESSION		
17:30	**Closing time and round table**			

You will have the opportunity to talk with other participants and the experts.
Here you can read about the previous edition!

This event is brought to you by

- the MINDFUL group,
- the MMSP laboratory,
- the Department of Informatics, Systems and Communication of the University of Milano-Bicocca,
- the project ReGAInS,
- NeuroMI - Milan Center for Neuroscience,
- and the PNRR Project Age-IT.

CONTACT INFO

Department of Informatics, Systems and Communication
University of Milano Bicocca
Building U14, Viale Sarca 336
Milano 20126, Italy

Tel: (39) 02 6448 7856
Email: francesca.gasparini-at-unimib.it