

BRAINTEASER Roundtable

Personalised early risk prediction, prevention and intervention in brain diseases

Challenges and opportunities of AI and Big Data technologies

27 October 2023 at 2pm CET

2023 Brain Innovation Days, The *EGG Brussels*

[BRAINTEASER](#) is a data science project that seeks to exploit the value of large clinical datasets integrated with personal and environmental data collected through low-cost sensors, to develop AI-based clinical software and mobile apps to support patients with amyotrophic lateral sclerosis and multiple sclerosis and their clinicians.

As part of the BRAINTEASER activities with linked EU projects, a roundtable discussion will be held at 2023 Brain Innovation Days (BIDays). Every year, BIDays bring the brain ecosystem together to foster dialogue, exchange knowledge, accelerate investment in research & innovation and facilitate business development.

This roundtable aims to promote collaboration among related EU projects and foster the translation of research breakthroughs into innovation and policy changes.

Programme

2 pm	Welcome Maria Fernanda Cabrera – BRAINTEASER Project Coordinator, Universidad Politécnica de Madrid
2.05 pm	Bridging the gap between medical technologies and society Carl Mörch – Co-Director, Artificial Intelligence Institute for the Common Good
2.20 pm	EU brain research: teaming for success European Commission Representative
	Session 1: latest Brain Discoveries
2.30 pm	MS and ALS: advancing clinical decision making through wearables Barbara Di Camillo – BRAINTEASER Scientific Coordinator, University of Padova
2.40 pm	Preventing dementia with Big Data and Machine Learning Sten Hanke – LETHE Coordinator, FH Joanneum
2.50 pm	Brain disorders: remote monitoring and user-centred AI to predict disease progression and personalise care plans Valentina Tageo – ALAMEDA Dissemination Manager, Wise Angle
3 pm	Neurourbanism: Data Science & Technology for mentally healthy cities Bruno Miranda – eMOTIONAL Cities Co-Coordinator, Universidade de Lisboa
	Session 2: patient perspective
3.10 pm	Toward a renewed humanism in medicine: the case of the global PROMS Initiative

	Paola Zaratini – PROMS Initiative SSC Co-Chair, Italian MS Society – Italian MS Foundation
3.20 pm	Session 3: panel discussion with regulatory experts
	Vera Nies – RADAR-AD Program Manager, Lygature Sciensano Representative on EHDS2 PILOT Project
	Florence Butlen-Ducuing – Scientific Senior Specialist, European Medicine Agency
3.50 pm – 4.10 pm	Session 4: open discussion Moderated by Usman Khan – Motor Neurone Disease Association

Following this roundtable, BRAINTEASER liaison activities will also include:

- A joint podcast and a joint publication in 2023/2024
- A joint session at 2024 Congress of the European Academy of Neurology
- A joint workshop at 2024 Brain Innovation Days