

In person WP1 meeting May 15, Pavia

BACKGROUND and VISION

Vision and evolution

Chair: Claudia Gandini Wheeler-Kingshott

14.00-14.10 Welcome and introduction to the meeting

14.10-14.40 WP1: A WP1 overview: where we started and where we are (Viktor Jirsa)

14.40-15.00 Multiscale brain data and models after 10 years of HBP (Egidio D'Angelo)

15.00-15.20 Advances in brain modelling across scales (Alain Destexhe)

15.20-15.40 Q&A

15.40-16.10 Coffee break

16.10-16.30 Welcome by UNIPV academic authorities (Federico Forneris, Rector delegate for Research)

Data-driven modeling of the healthy and aging brain

Chair: Egidio D'Angelo

16.30-17.00 Data-driven modelling of aging and brain pathologies (Svenja Caspers, Fulvia Palesi)

17.00-17.30 Q&A

Toward brain digital twins

Chair: Timo-Dickscheid

17.30-17.40 What is a brain digital twin? (Gustavo Deco)

17.40-18.00 Open discussion. What do we need to generate effective Brain Digital Twins?