



PANERIS Winter School: Basics of Computational Neuroscience

hosted by Fundació de Recerca Clínic Barcelona-Institut d'Investigacions Biomèdiques August Pi i Sunyer (IDIBAPS)

1st – 5th December 2025, Barcelona

	Day 1	Day 2	Day 3	Day 4	Day 5
9:00 - 11:00	EBRAINS: An Introduction to Europe's digital infrastructure for brain research (Pierpaolo Sorrentino) EBRAINS Brain modelling (Damien Depannemaecker)	EATRIS: Navigating the Drug Development Journey through Repurpolis game (Rosan Vegter)	Meta-analysis of 3D volumes in neuroimaging (Joaquim Raduà)	Gender aspects in research (Gisela Sugranyes) Neuroimaging in Psychosis, a data analysis approach (Gisela Sugranyes)	IDIBAPS platforms: Magnetic resonance (Emma Muñoz)
11:00 - 11:30	Coffee break	Coffee break	Coffee break	Coffee break	Coffee break
11:30 - 13:30	EBRAINS Modelling and demos (Pierpaolo Sorrentino & Damien Depannemaecker)	Patient observatory (Anne-Sophie; Joan Fernando)	IDIBAPS platforms: Neurological tissue bank (Gemma Aragones)	Neural networks simulations (Albert Compte)	Making the most of your PhD (Gemma Pascual)
13:30 - 14:30	Lunch break	Lunch break	Lunch break	Lunch break	Farewell lunch
14:30 - 15:30	Brain activity: from synchronized to desynchronized patterns: experimental data and computational modelling (Mavi Sanchez-Vives)	Science policy-synergies (Marina Martínez)	Science communication (Dani Arbos)	Technological transfer workshop (Teresa Lloret)	
15:30-16:00	Coffee break	Coffee break	Coffee break	Coffee break	
16:00-17:00	Brain activity: from synchronized to desynchronized patterns: Brain data analysis, methods and resources (Arnau Manasanch)	Assessment Tools for Clinical and Translational Research and Motivation Skills to Boost Participation (Clara Oliveras)	Science communication (Dani Arbos)	Technological transfer workshop (Teresa Lloret)	
19:00	Social dinner				
	Transversal skills training				
	Scientific training				