

**Human Motor Circuits: Interdisciplinary Meeting of the Spanish
EBRAINS Node
November 28-29, Madrid
Day 1**

15:00 – 15:30	Registration and coffee	
15:30 – 16:00	Welcome and introduction to EBRAINS	Guillermo Velasco & Bryan Strange UPM (Spain)
Session I		
16:00 – 16:40	Silvestro Micera EPFL (Switzerland) <i>“Implantable and wearable modular neuroprostheses to understand and restore neural functions”</i>	
16:40 – 17:20	Antonio Oliviero Hospital Nacional de Paraplégicos (Spain) <i>“Motor cortex excitability in corticospinal dysfunction: strategies to boost recovery”</i>	
17:20 – 17:50	Coffee break	
Session II		
17:50 – 18:30	Charlotte Stagg Oxford University (UK) <i>“Neural dynamics in human motor learning”</i>	
18:30 – 19:10	Sara Marceglia Università di Milano (Italy) <i>“Effective data flows for smart neuromodulation”</i>	
19:10 – 19:50	Ander Ramos Tecnalia (Spain) <i>“Neural Interfaces affecting human motor circuits in stroke rehabilitation”</i>	
End of the day		

Organising committee

Guglielmo Foffani, HM CINAC
Eduardo López-Larraz, Bitbrain
Bryan Strange, UPM
Guillermo Velasco, UPM
Bárbara Gasset, UPM

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 Day 2**

09:30 – 10:00	Coffee
Session III	
10:00 – 10:40	Silvia Muceli Chalmers University of Technology (Sweden) <i>"Analyzing the motor system from an intramuscular perspective"</i>
10:40 – 11:20	Natalie Mrachacz-Kersting Albert-Ludwigs University of Freiburg (Germany) <i>"Brain-Computer Interfaces designed for neurorehabilitation"</i>
11:20 – 12:00	Guglielmo Foffani HM CINAC (Spain) <i>"Transcranial brain stimulation in movement disorders"</i>
12:00 – 12:30	Coffee break
Session IV	
12:30 – 13:00	Eduardo López-Larraz Bitbrain (Spain) <i>"Neurotechnology and Neurorehabilitation: From the research lab to the patients' home"</i>
13:00 – 13:30	Oscar Robles Universidad Rey Juan Carlos (Spain) <i>"Multi-view, multi-scale visual exploration of the Brain"</i>
13:30 – 14:00	General discussion and closure

Location

Ilustre Colegio Oficial de Médicos de Madrid

Aula Cajal

[C. de Sta. Isabel, 51, Centro, 28012 Madrid](https://www.colegiomd.com/centro)