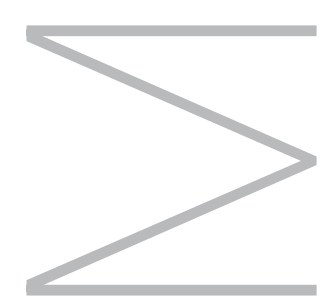


MRI Research Day 2025

3 June 2025 | Campus Biotech, Geneva



8h30 Registration and Poster Setup



9h00 Session 1 - Chaired by Patrik Vuilleumier (UNIGE)

Learning to control the visual cortex and regulating visual attention via fMRI-based neurofeedback. Riccardo Galli (PI: Patrik Vuilleumier, UNIGE)

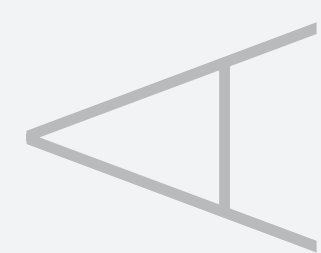
Multiple types of prediction in human Pavlovian learning. Lavinia Wuensch (PI: Eva Pool / David Sander, UNIGE)

The brain integration of prosodic and semantic cues in non-literal forms of speech understanding. Adrien Wittmann (PI: Didier Grandjean, UNIGE)

In the object's shoes: a novel ventro-temporal area for object-centered perception. Prosper Fiave (PI: Ilaria Sani, UNIGE)



10h20 Coffee Break



10h40 Session 2 - Chaired by Valentina Borghesani (UNIGE)

A grid-like code of tactile perception. Mariana Babo Rebelo (PI: Olaf Blanke, EPFL)

Modulating the sense of agency in functional neurological disorder using real-time fMRI neurofeedback. Eliane Mueller (PI: Selma Aybek, UFribourg)

Dynamic neural transformation between egocentric and allocentric representations in VR spatial navigation. Jie Song (PI: Patrik Vuilleumier / Ilaria Sani, UNIGE)

Enhancing NIBS-induced corticospinal excitability and mapping spinal cord fMRI activation. Rebecca Jones/Ekansh Sareen (PI: Dimitri Van De Ville, EPFL UNIGE/Friedhelm Hummel, EPFL)



12h00 Lunch Break with Posters



14h00 Session 3 - Chaired by Dimitrios Karampinos (EPFL)

Functional-Metabolic connectivity with functional magnetic resonance spectroscopic imaging (fMRSI). André Döring (PI: Lijing Xin, EPFL)

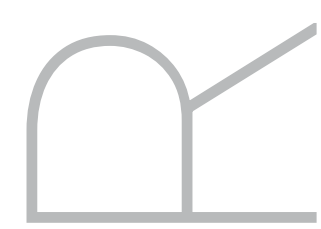
Ultra-high field (7T) imaging in cerebral amyloid angiopathy. Felix Kurz (PI: Felix Kurz, HUG)

Free-breath 2D CINE MRI for cardiac function assessment. Anam Fatima (PI: Jean-Paul Vallée, HUG, UNIGE)

7T MRI Quantitative Susceptibility Mapping (QSM)-Aided MRgHIFU Functional Neurosurgery. Rares Salomir (PI: Rares Salomir, HUG, UNIGE)



15h20 Tea Break



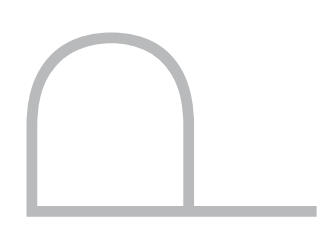
15h40 Session 4 - Chaired by Karl-Olof Lovblad (HUG)

Investigating the response of dural venous sinus stenosis to subtractive lumbar puncture: preliminary experience. Andrea Rosi (PI: Andrea Rosi, HUG)

Resilience in brain networks after stroke. Elisabeth Dirren (PI: Emmanuel Carrera, HUG)

A Longitudinal and Reproducible Anti-coactivation Pattern Between the Cerebellum and the Ventral Tegmental Area Relates to Apathy in Schizophrenia. Jade Awada (PI: Indrit Bègue, UNIGE)

Imaging Vascular and Glymphatic Function in 22q11.2 Deletion Syndrome: Contribution to Emergence of Psychosis. Alessandro Pascucci (PI: Stephan Eliez, UNIGE)



17h00 Closing