

Imaging Neuroscience in Humans

	Monday 2	Tuesday 3	Wednesday 4	Thursday 5	Friday 6
ROOM	Salle Paros - PMU	Seminaire BH08-4	Salle Paros - PMU	Salle Paros - PMU	Seminaire BH08-4
TOPIC	Computational anatomy and novel MRI concepts	Structural and functional connectivity	Brain plasticity	Sensorimotor systems	Language system
9:00	INTRODUCTION: Ferath Kherif	Jean-Philippe Thiran	Narly Golestani	David Benninger	Jean-Marie Annoni
9:40	Richard Frackowiak	Patric Hagmann	Gregoire Courtine	Bogdan Draganski	Anne-Lise Giraud
10:20	COFFEE BREAK	COFFEE BREAK	COFFEE BREAK	COFFEE BREAK	COFFEE BREAK
10:50	Antoine Lutti	Jürgen Dukart	Daphne Bavelier	Burkhard Pleger	Ferath Kherif
11:30	Nikolaus Weiskopf	GENERAL DISCUSSION	CONTROVERSY ROUNDTABLE	GENERAL DISCUSSION	GENERAL DISCUSSION
12:10	GENERAL DISCUSSION	Lunch & Posters		Lunch & Posters	Lunch & Posters
12:30	Lunch & Posters	LAB WORK	Lunch & Posters	LAB WORK	LAB WORK
14:00	LAB WORK		LAB WORK		
17:30					
EVENING				18:00 (BH08-DG629) Careers in Science	Lab Work Presentations

Date	Speaker name	Institution	Topic of lecture
Monday 2	Richard Frackowiak	CHUV-UNIL	Clinical neuroscience and the Human Brain Project
	Antoine Lutti	CHUV-UNIL	Anatomical imaging towards quantitative MRI
	Nikolaus Weiskopf	UC London, UK	Quantitative MRI towards in-vivo histology
Tuesday 3	Jean-Philippe Thiran	EPFL	Diffusion MR Imaging for brain connectivity analysis: methods and challenges
	Patric Hagmann	CHUV-UNIL	MR connectomics
	Jürgen Dukart	CHUV-UNIL	Structural covariance in neurological and psychiatric disorders
Wednesday 4	Narly Golestani	UNIGE	Neural bases of language learning and expertise, at low to high levels in the language processing hierarchy
	Gregoire Courtine	EPFL	Neuroprosthetic Technologies to Restore Motor Function after Spinal Cord Injury
	Daphne Bavelier	UNIGE	Pwning Vision: Lessons from action video games
Thursday 5	David Benninger	CHUV-UNIL	Transcranial Magnetic Stimulation (TMS) and the Motor System
	Bogdan Draganski	CHUV-UNIL	Cortico-subcortical circuits in the human brain - a neuroimaging perspective
	Burkhard Pleger	MPI Leipzig	The human somatosensory cortex: From perception to decision making
Friday 6	Jean-Marie Annoni	UNIFR	Three questions on organization of the language system in monolingual and bilingual
	Anne-Lise Giraud	UNIGE	Are cortical oscillations a useful ingredient of speech processing?
	Ferath Kherif	CHUV-UNIL	Degeneracy in neural systems: multiple pathways to preserve cognitive function after brain damage