

Okvirni program dogodka:

Advancing the Knowledge in Brain Imaging Methods

1st Early Stage Researchers' Summer School, 22.-26. June 2020

University of Ljubljana (UL), Catholic University of Leuven (KU Leuven), Medical University Graz (MUG)

Program of Lectures and Practicals

	Monday, 22.6.2020	Tuesday, 23.6.2020	Wednesday, 24.6.2020	Thursday, 25.6.2020
Morning Lectures	S. Ribarič (UL): Organising and managing teams, gender issues in team work, negotiating skills, PDP	MUG: State of the art on measuring cognition and cognitive decline with MRI	KU Leuven: State of the art on measuring cognition and cognitive decline with EEG	Individual interviews with participants
	Z. Pirtošek (UL): How did EEG and imaging change our view on cognition	Practical 1	Practical 3	
	G. Repovš (UL): High-throughput processing and analysis of MR data.			
Afternoon Lectures	Marc Van Hulle (KU Leuven): Advantages and limitations of brain studies with EEG including an overview of techniques and data analysis tools	Practical 2	Practical 4	U. Marušič (ZRS, Koper): Twinning MoBI, simultaneous 128 ch EEG recording and motion kinematics
	M. G. Kramberger (UL): EEG and neurodegenerative diseases			A. Matkovič (UL) Statistical methods in EEG data analysis
	Stefan Ropele (MUG): Advantages and limitations of brain imaging with MRI including an overview of techniques and data analysis tools			D. Šuput (UL): Individual and group analysis of structural brain changes
	M. Trošt (UL): What can metabolic brain imaging add to electroencephalography in diagnosis and differential diagnosis of neurodegenerative brain disorders?			A. Vovk (UL): Advanced MRI techniques: the role of QSM in the study of brain pathology
				A. Kraljič (UL): MR artefacts removal in simultaneous fMRI-EEG recordings
		Petra Tomše (UL): Brain activity measurement with positron emission tomography (PET) imaging vs. electroencephalography		



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