

Neuroimaging and Analysis Group (NIAG)

“Functional and Structural Brain Connectivity” workshop program

6-8 Dey, 1396

Day 1: Wednesday, 6 th of Dey		
8:15-9.45	Welcome Message + MRI Physics	M.A. Oghabian
9.45-10.00	BREAK	
10.00-11.00	Functional Neuroanatomy of Brain	S. Raminfard
11.00-12.30	fMRI Basics	S.A.H.Batouli
12.30-13.30	LUNCH	
13.30-15.00	An Introduction to Brain Connectivity	A. Zare Sadeghi
15.00-15.15	BREAK	
15.15-16.30	Neuro-Statistics	M. Najibi
16.30-17.30	Applications of Brain Connectivity	S.A.H.Batouli
Day 2: Thursday, 7 th of Dey		
8.15-9.45	Connectivity Analysis	A. Zare Sadeghi
9.45-10.00	BREAK	
10.00-11.30	Statistics of Connectivity	M. Najibi
11.30-12.30	Neuroscience of Connectivity	H. Ahmadzadeh
12.30-13.30	LUNCH	
13.30-15.00	Functional Connectivity- Hands on	A. Zare Sadeghi
15.00-17.00	Effective Connectivity- Hands on	A. Zare Sadeghi
Day 3: Friday, 8 th of Dey		
8.15-10.00	Physics of Diffusion Imaging	M.A. Oghabian
10.00-10.15	BREAK	
10.15-11.30	Mathematics of Diffusion Imaging	S. Masjoodi
11.30-13.00	Diffusion Data Analysis- Hands on	S.A.H.Batouli
13.00-14.00	LUNCH	
14.00-15.00	Tractography- Hands on	S. Raminfard
15.00-16.00	Visualization- Hands on	S. Masjoodi
	Exam and closing	