

Neuroengineering 2018/2019 - Schedule

Week	Date		Module	Sub-module	Faculty
1	Sep	18	1. Fundamentals of neuroscience	1.1. Introduction	Patrícia Figueiredo (IST)
		19		1.2. Cognitive function and neurophysiology	Ana Sebastião (FM)
2		25			Isabel Pavão-Martins (FM)
		26		1.3. Neural modelling and simulation	Arlindo Oliveira (IST)
3	Oct	2			Arlindo Oliveira (IST)
		3	2. Neuroengineering brain cells and tissues	2.1. Neural cell and tissue engineering	Margarida Diogo (IST)
4		9		Margarida Diogo (IST)	
		10		2.2. Microsystems and nanotechnology	João Pedro Conde (IST)
5		16			João Pedro Conde (IST)
		17	3. Neuroengineering the brain	3.1. Brain imaging	Patrícia Figueiredo (IST)
6		23		Patrícia Figueiredo (IST)	
		24		Rita Nunes (IST)	
7		30		3.2. Brain-machine interfaces	João Sanches (IST)
		31			João Sanches (IST)
8	Nov	6		3.3. Brain modulation	Agostinho Rosa (IST)
		7			Agostinho Rosa (IST)
9		13	4. Neuroengineering cognition and behaviour	4.1. Cognitive robotics	José Santos-Víctor (IST)
		14		José Santos-Víctor (IST)	
10		20		4.2. Decision making	Alfonso Réart (FC)
		21			Alfonso Réart (FC)
11		27		4.3. Computational cognitive neuroscience	Tiago Maia (FM)
		28			Tiago Maia (FM)
12	Dec	4	5. Neural data mining	5.1. Machine learning	Ana Fred (IST)
		5		Ana Fred (IST)	
13		11		5.2. Complex networks	Alexandre Francisco (IST)
		12			Alexandre Francisco (IST)
14		18	Student presentations	Student presentations of assigned papers	All
		19		All	

Tuesdays 5-7pm

Wednesdays 5-7pm

Room QA 1.2 (South Tower, level 1) (unless otherwise announced)

Room QA 02.2 (South Tower, level -2) (unless otherwise announced)

More and updated info in: <https://fenix.tecnico.ulisboa.pt/disciplinas/Neuro57/2018-2019/1-semester>