

Random Structures in the Brain

Workshop

NeuroMat
October 16-20, 2017 / São Paulo, Brazil

neuromat.numec.prp.usp.br/brain

sara.müller

Date	Time	Activity	
Mon Oct 16	11am	Arrival of the participants	
	2-7pm	General meeting of the NeuroMat team	
	2-3pm	<p>Antonio Galves Initial address: Achievements and challenges</p> <p><i>Keynote speakers</i></p> <p>Eva Loecherbach and Pablo Ferrari Mathematical achievements and challenges</p> <p>Cláudia Vargas Brain plasticity, motor learning and the Goalkeeper game</p> <p>Antonio Carlos Roque da Silva Technology transfer achievements and challenges</p> <p>Jorge Stolfi Information technology and computational achievements and challenges</p> <p>Maria Elisa Piemonte Pimentel The Amparo initiative</p> <p>Fernando da Paixão Dissemination activities</p> <p>João Peschanski NeuroMat wikipedia initiatives</p> <p>Aline Duarte New generation of NeuroMat researchers</p>	
	3-4pm	5' presentation by the other members of the team	
	4-5pm	Coffee break and informal discussions	
	5-6pm	<p>Devil's advocate round Markus Diesmann, Ricardo Fraiman and Willian Lytton</p>	
	6-7pm	<p>The International Advisory Board point of view Leonardo Cohen, Wojciech Szpankowski</p>	

Date	Time	Activity
Tue Oct 17	10-12am	Discussion groups
	2-5pm	Meeting with Fapesp's Evaluation Committee
Wed Oct 18	10am-1pm	Workshop: Neural substrates of motor learning Leonardo Cohen, Cláudia Vargas, Bill Lytton (?)
	3-7pm	Workshop : Random graphs in the brain
	3-4pm	Initial address: Wojciech Szpankowski: Information retrieving in graphs
	4-4:30pm	Coffee break
	4:30-7pm	Discussion: EEG, statistical model selection and graph representations of the brain activity Ludmila Brochini, Aline Duarte, Daniel Fraiman, Pierre Hodara, Christophe Pouzat, Guilheme Ost.
Thu Oct 19	10-12am	NeuroMat challenges in high-performance computing and stochastic modeling Initial address: Markus Diesmann Discussion: Antonio Roque, Jorge Stolfi
	2-4pm	Criticality and information transmission
	2-3pm	Initial address Eva Loecherbach: Information transmission and criticality in the contact process
	3-4pm	Discussion: Marzio Cassandro, Mauro Copelli, and Osame Kinouchi
	4-4:30pm	Coffee break
	4:30-7pm	Discussion groups Hands-on activity on NeuroMat EEG lab The Goalkeeper Game
Fri Oct 20	10-12am	Discussion groups Workshop: Statistical analysis of AMPARO's data Initial address: Rafael Stern Discussion: André Frazão Helene and Maria Elisa Pimentel Piemonte