



1st HBP School - Final Programme Schedule

8th to 14th September 2014 in Alpbach, Austria

	Monday, 8th Sept.	Tuesday, 9th Sept.	Wednesday, 10th Sept.	Thursday, 11th Sept.	Friday, 12th Sept.	Saturday, 13th Sept.	Sunday, 14th Sept.
09:00-10:30	Arrival day	Spinnaker System David Lester (UK)	Analysis of parallel electrophysiological data Sonja Grün (Germany)	Optical imaging of the brain Francesco Pavone (Italy)	Meta-analyses and activation databases Simon Eickhoff (Germany)	Medical informatics platform Richard Frackowiak (Switzerland)	Departure Day
10:30-11:00		Coffee break	Coffee break	Coffee break	Coffee break	Coffee break	
11:00-12:30		Neural networks in silico: Physical implementation, architecture and applications Mihai Petrovici (Germany)	Ethics and Society Abdul Mohammed (Sweden)	Simulation of brain-scale neuronal networks at cellular and synaptic resolution Markus Diesmann (Germany)	High performance computing Wolfram Schenck (Germany)	neuGRID: An online environment for research and care in neurodegenerative diseases Paolo Bosco, Alberto Redolfi (Italy)	
12:30-14:00		Lunch break	Lunch break	Lunch break	Lunch break	Lunch break	
14:00-15:30		Poster session 1 uneven poster board numbers	Small group workshops in parallel: Workshop 1a Workshop 2 Workshop 3	Social programme	Small group workshops in parallel: Workshop 1b Workshop 2 Workshop 3	Presentation of outcomes of small group workshops to all participants	
15:30-16:00		Coffee break	Coffee break		Coffee break	Coffee break	
16:00-17:30		Registration	Poster session 2 even poster board numbers	Small group workshops in parallel: Workshop 1a Workshop 2 Workshop 3	Small group workshops in parallel: Workshop 1b Workshop 2 Workshop 3	Discussion: Feedback from students	
18:00-19:30		Welcome Reception + Dinner	Dinner	Dinner	Dinner	Dinner	
19:30-21:00	Short Student Introduction Introduction to the HBP David Horrigan (Switzerland) Discussion: What do students expect from the HBP?	Small group workshops kick-off	Optional time for small group workshops	Optional time for small group workshops	Communicate science to the public David Horrigan (Switzerland)	Farewell Dinner	

Workshop 1a: Correlation analysis of parallel spike trains, Sonja Grün (Germany) and Emiliano Torre (Germany)

Workshop 1b: Simulating large-scale spiking neuronal networks with NEST, Markus Diesmann (Germany) and Johanna Senk (Germany)

Workshop 2: How to use neuromorphic hardware, Mihai Petrovici (Germany) and Thomas Pfeil (Germany)

Workshop 3: The increasing lifestyle use of cognitive enhancing, or 'smart' drugs by healthy people, Abdul Mohammed (Sweden) and Barbara Sahakian (UK)

Future Computing
Future Neuroscience
Future Medicine
Ethics and Society