



## 2016 EuroSPIN student workshop programme @NCBS



Time	Monday, 2016-06-27	Tuesday, 2016-06-28	Wednesday, 2016-06-29	Thursday, 2016-06-30
8:30 - 9:30	BREAKFAST	BREAKFAST	BREAKFAST	BREAKFAST
9:30 - 11:00	<p><b>Welcome &amp; NCBS tour</b></p>	<p><b>Lena Mareike Josefina Robra</b> <i>The intracellular signaling molecule Darpp-32 is a marker for principal neurons in the cerebellum and cerebellum-like circuits</i></p> <p><b>Manisha Sinha</b> <i>Regulation of local field potentials by subthreshold conductances</i></p>	<p><b>Daniel Trpevski</b> <i>Insights from psychedelic drugs into the functioning of the human brain</i></p>	<p><b>Wioleta Kijewska</b> <i>Alternating the critical period, or why playing video games might be good for you</i></p> <p><b>Nebojsa Gasparovic</b> <i>Structural and Functional Plasticity in Recurrent Neural Networks</i></p>
11:00 - 11:30	COFFEE-BREAK	COFFEE-BREAK	COFFEE-BREAK	COFFEE-BREAK
11:30 - 13:00	<p><b>Upinder Bhalla</b> <i>Brain activity sequences in learning and memory</i></p>	<p><b>Rishikesh Narayana</b> <i>Active dendrites</i></p>	<p>Journal Club preparation <i>Brain plasticity in experiments and models</i></p>	<p>Journal Club preparation <i>Working Memory in experiment, theory and model - Anatomy of an ongoing paradigm shift</i></p>
13:00 - 14:30	LUNCH	LUNCH	LUNCH	LUNCH
14:30 - 16:00	<p><b>Luiz Tauffer</b> <i>Serotonin modulation of the mPFC in rats</i></p>	<p><b>Ramon Martínez Mayorquin</b> <i>A short introduction to scikit - a package for fast machine learning</i></p>	<p><b>Journal Club</b> <i>Brain plasticity in experiments and models</i> (Wioleta &amp; Nebojsa &amp; everyone)</p>	<p><b>Florian Fiebig</b> <i>Working Memory in experiment, theory and model - Anatomy of an ongoing paradigm shift</i></p> <p><b>Journal Club and open discussion</b></p>
16:00 - 16:30	COFFEE-BREAK	COFFEE-BREAK	COFFEE-BREAK	COFFEE-BREAK
16:30 - 18:00	<p><b>Katharina Heil</b> <i>Communicating Science – an option for our future career?</i></p>	<p><b>Nathalie Dupuy</b> <i>Machine Learning approaches to modelling in neuroscience</i></p>	<p><b>Vatsala Thirumalai</b> <i>Understanding the Cerebellum, one Purkinje Neuron at a time</i></p>	<p><b>Meeting Close</b> <i>General Q&amp;A, Feedback and thoughts about the workshop</i></p>
18:00	DINNER	DINNER	DINNER	DINNER

Invited speakers, Eurospin student talks with interactive discussion, Invited student talks, Interactive student sessions

The workshop takes place at NCBS, Bengaluru. Talks and workshops are held in the lecture theatre Manglova. Breakfast, Lunch, Dinner and Coffee-Breaks are on self-service basis and the canteen can be used. Some of the talks are still subject to slight changes - please get in touch with further questions: Katharina ([k.f.heil@sms.ed.ac.uk](mailto:k.f.heil@sms.ed.ac.uk)) and Luiz ([luiz.tauffer@bcf.uni-freiburg.de](mailto:luiz.tauffer@bcf.uni-freiburg.de))