



**ESI Systems Neuroscience Conference**  
**ESI-SyNC Program**

Thursday, 03.07.2014
8:45 - 9:00 <b>Welcome</b>
9:00 - 10:00 <b>Francesco Battaglia</b> Behavioral strategy dependent, NMDA receptor modulated changes in hippocampal dynamics and spatial representations
10:00 - 11:00 <b>Laura Colgin</b> Neuronal coding during slow and fast gamma rhythms in the hippocampal network
11:00 - 11:30 <b>Coffee break</b>
11:30 - 12:30 <b>Thilo Womelsdorf</b> Dynamic circuit motifs of selective network formation in prefrontal cortex during attention
12:30 - 14:00 <b>Lunch</b>
14:00 - 15:00 <b>Kenneth Harris</b> interaction of external and internal signals in sensory cortex
15:00 - 16:00 <b>Marlene Bartos</b> Strength and duration of GABAergic inhibition depend on distance between synaptically connected cells
16:00 - 16:30 <b>Coffee break</b>
16:30 - 17:30 <b>Adam Kohn</b> Spiking coordination and its role corticocortical signaling
17:30 - 19:00 <b>Posters</b>
19:00 - open end <b>Dinner buffet and drinks</b>

Friday, 04.07.2014
9:00 - 10:00 <b>Dietmar Plenz</b>
10:00 - 11:00 <b>Mayank R. Mehta</b> Insights about hippocampal rate and temporal codes from virtual reality
11:00 - 11:30 <b>Coffee break</b>
11:30 - 12:30 <b>Gustavo Deco</b> Linking the Functional and Structural Human Connectome
12:30 - 13:30 <b>Wolfgang Maass</b> Computations with Network States
13:30 - 14:30 <b>Lunch</b>
14:30 <b>Discussion / Lab Visits / Departures</b>

**Frankfurt, July 3-4, 2014**

Deutschordestr. 46, D-60528 Frankfurt am Main