SFB 1315 "Memory Consolidation",
Lab tour, project A01 (Schmitz/Kempter)

**Time:** September-30-2019, 10:00-16:00h

**Location:** Institute for Theoretical Biology, Theoretical Neuroscience Lab,
Seminar room 012a, building number 4, HU Berlin, Philippstr. 13, 10115 Berlin

The campus can be accessed through two gates at Luisenstraße, or via Philippstraße, via Hannoversche Straße (between houses 11 and 12), from the corner of Friedrichstraße and Reinhardtstraße (through a gate at Reinhardtstraße), and from Reinhardtstraße.

https://itb.biologie.hu-berlin.de/wiki/contact/start#itb_campus_nord_haus_4
Schedule:

10:00h Introduction and Overview (RK)

10:15h Control of memory- engram related activity in the hippocampus: focus on disinhibition (Roberta Evangelista and Nikolaus Maier)

12:00h Lunch

13:00h Recent findings and research topics in RK’s lab
(10 min presentation + 10 min discussion for each topic)

13:00h Eric Reifenstein:
The benefit of phase precession for sequence learning

13:20h Natalie Schieferstein:
Mechanisms of ripple oscillations and their role in memory consolidation

13:40h Short break

13:50h Tiziano D’Albis:
Models for the development of grid cells

14:10h Paula Kuokkanen:
Origins of extracellular field potentials in the auditory brain stem

14:30h Coffee and discussions in smaller groups (supported by posters etc.)

Room 011 (office): Auditory system (led by Paula)
Room 012a (seminar room): Sharp waves and ripples (led by Roberta and Natalie)
Room 012c (kitchen): Sequence learning (led by Eric)
Room 013 (office): Grid cells (led by Tiziano)

16:00 The (open) end