



SFB 1315

Mechanisms and Disturbances in Memory Consolidation:
From synapses to systems

Tuesday

OCT 11, 2022
4:00 pm CET

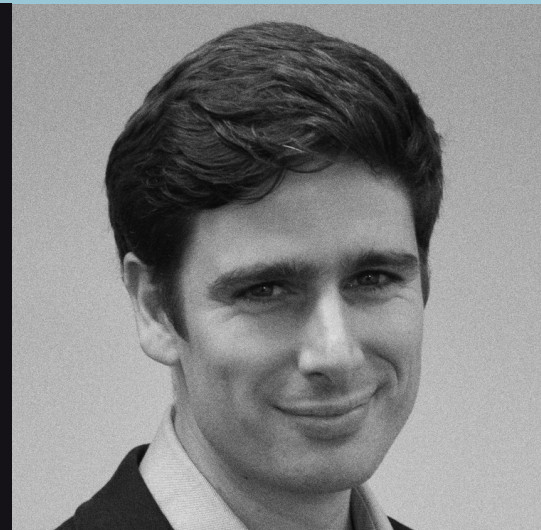
ZOOM ID: 7754910236
Register/questions:
SFB1315.ifb@hu-berlin.de

SFB 1315 LECTURE SERIES 2022-2023

CONSOLIDATION OF SPATIAL MEMORIES AND DEVELOPMENT OF NAVIGATION ABILITIES

HUGO SPIERS

Professor
Fellow of the Royal Institute of Navigation
Department of Experimental Psychology
University College London
London, UK



Funded by

DFG Deutsche
Forschungsgemeinschaft
German Research Foundation



SFB 1315

Mechanisms and Disturbances in Memory Consolidation:
From synapses to systems

Tuesday

OCT 11, 2022
4:00 pm CET

ZOOM ID: 7754910236
Register/questions:
SFB1315.ifb@hu-berlin.de

CONSOLIDATION OF SPATIAL MEMORIES AND DEVELOPMENT OF NAVIGATION ABILITIES

Hugo Spiers is Professor of Cognitive Neuroscience in the Department of Experimental Psychology. He is Fellow of the Royal Institute of Navigation and directs the UCL Spatial Cognition Research Lab.

His research explores how our brain constructs representations of the world and uses them to recall the past, navigate the present and imagine the future. His research team use a range of methods including brain imaging, neuropsychological testing, virtual reality and single cell recording to understand brain function and spatial cognition.

Most recently his team have collected data from over 4 million people world wide via research game application allowing discoveries into how global patterns in culture impact cognition.

Professor Spier's talk will present the latest findings from this research showcasing how data from millions of people can be collected and used to make discoveries (see e.g. Coutrot et al., Entropy of city street networks linked to future spatial navigation ability. *Nature* 604(104-110).

This talk is hosted by SFB1315 subproject B05, Christoph Ploner and Carsten Finke. The Q&A will be moderated by SFB1315 Speaker Matthew Larkum.

Certificate of attendance:

Please contact team assistant
serenella.brinati.1(at)hu-berlin.de

Register for meet-the-speaker:

Contact sfb1315.ifb(at)hu-berlin.de

SFB1315 Members who wish to meet the speaker in individual sessions should Contact sfb1315.ifb(at)hu-berlin.de.



Funded by



Deutsche
Forschungsgemeinschaft
German Research Foundation