



**SFB 1315**

Mechanisms and Disturbances in Memory Consolidation:  
From synapses to systems

Monday

**OCT 2, 2023**  
**4:00 pm CET**

BCCN Lecture Hall

Philippstr. 13, Berlin

ZOOM ID: 7754910236

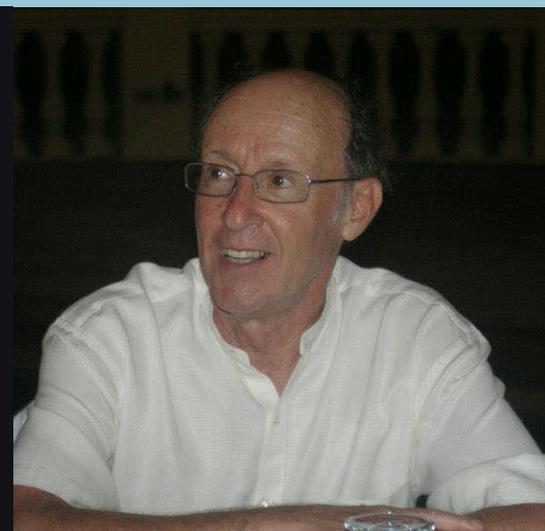
SFB1315.ifb@hu-berlin.de

SFB 1315 LECTURE SERIES 2023

# HIPPOCAMPAL COGNITIVE MAPS: MEMORY AND CONTEXT

**LYNN NADEL**

Regents Professor Emeritus  
of Psychology and Cognitive Science  
College of Science, Psychology  
University of Arizona



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German Research Foundation



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**For 50+ years the hippocampus has been linked to memory, and in particular memory consolidation. The discovery of a cognitive mapping function for this structure raised questions about how memory and space interact.**

In this talk I will discuss some of the history behind these ideas. In particular I will focus on how ideas about consolidation have evolved over the decades, leading to the multiple trace theory, and its recognition that reactivating memories can transform them via reconsolidation processes.

**The central role of the hippocampus in encoding and representing context will be offered as a way to link memory and space.**

## About the Speaker

Lynn Nadel is Regents Professor Emeritus of Psychology and Cognitive Science at the College of Science, Psychology (University of Arizona)

This invited talk is hosted by members of Bo5 (AG Ploner & Finke), who will introduce the speaker.

## Certificate of attendance:

Please contact team assistant  
[serenella.brinati.1@hu-berlin.de](mailto:serenella.brinati.1@hu-berlin.de)



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