

PROGRAM

AUGUST 20

2020

**10:00 AM
GMT+2**



ONLINE WORKSHOP

REPRESENTATION, COMPUTATION, MECHANISM

what is the best explanation of cognition?

organized by
Nir Fresco,
Beate Krickel &
Peter Schulte

10:00-10:45 **Marie Fellner** (Ruhr University Bochum)
Cognitive neuroscience of memory: a shift from event related
activity to representational formats

10:45-11:30 **Peter Schulte** (University of Zurich)
Representational Explanations Defended (On All Counts)

Coffee Break

11:45-12:30 **Beate Krickel** (TU Berlin)
How to defend representation realism (or how to reject it)

Lunch Break

13:30-14:15 **Matej Kohár** (TU Berlin)
The scaling-up problem from a mechanistic point of view

14:15-15:00 **Lotem Elber** (HUJI, Jerusalem)
How can we know what the brain computes when
computations cannot be discovered?

Coffee Break

15:15-16:00 **Nir Fresco** (BGU, Beer Sheva)
How context can determine the identity of physical computation

16:00-16:30 **General discussion**