

# WINTER SCHOOL

ON MODELLING AND MEASURING BIOHYBRID  
MULTI-LEVEL COMPLEX SYSTEMS

Graz 2024



<https://alife.uni-graz.at/winterschool/>

## LECTURE PROGRAM

No registration needed to attend the keynote and lectures!

Venue:

**HS 02.11**

Universitätsplatz 2, first floor

### TUE 20.02.2024

9:30 - 10:30

Welcome & Keynote talk:

**From life-like to living technologies – the new frontiers of bionics science and technology**

Donato Romano, Sant'Anna School of Advanced Studies

### WED 21.02.2024

9:00 - 09:45

**Anticipatory mechanism for complex decisions in a bio-hybrid beehive**

Heinrich Mellmann, Humboldt University of Berlin

9:45 - 10:30

**Time series analysis for intelligent plants**

Till Aust, Eduard Buss, University of Konstanz

### THU 22.02.2024

9:00 - 09:45

**The history of biohybrids in water**

Ronald Thenius, University of Graz

9:45 - 10:30

**Biohybrids as a tool to assess multiple dynamics in a single experiment**

Stamatios Nicolis, Free University of Brussels

### FRI 23.02.2024

9:00 - 09:45

**Daphnids - The detective life-form**

Wiktorija Rajewicz, University of Graz

9:45 - 10:30

**Synchronization of the brain with the metaverse**

Silvia Kober, University of Graz

