

2026

April 20
April 24

INTCHA26 INTERDISCIPLINARY CHALLENGES IN THE PHYSICS OF COMPLEXITY AND LIFE 2026

A conference for young researchers, by young researchers.

The Interdisciplinary Challenges conference series aims to connect early-career scientists (Ph.D. students, postdocs, and young PIs) from diverse back-grounds at the interface between the physics of complex systems and biology. We will cover a broad variety of topics from active matter to ecology and learning in biological systems. Participants accepted for poster presentations will have the opportunity to apply for a travel grant.

Sessions

Active matter
AI and machine learning
Animal behavior
Cells and tissues
Data-driven modelling
Ecology and evolution
Meet-the-editors round table
Out-of-equilibrium systems
Transport across scales

Important dates

Registration and payment until February 20, 2026

Practical information

<https://intcha26.sciencesconf.org/>

Keynote speakers

David Jordan (The Living Physics Lab & Univ. of Cambridge)
Alexandre Morin (Leiden Univ.)
Andela Saric (IST Austria)

Organizers

Amélie Chardac (ESPCI Paris)
Antonio Carlos Costa (Paris Brain Inst.)
Salambô Dago (Univ. of Vienna)
Yann-Edwin Keta (Sorbonne Univ.)
Oliver Meacock (Univ. of Sheffield)
Giulia Pisegna (Max Planck for Dynamics and Self-Organization)
Nico Romeo (Univ. of Chicago)

