

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.)
- Giulia Pisegna (Max Planck for Dynamics and Self-Organization)
- Nico Romeo (Univ. of Chicago)
- Oliver Meacock (Univ. of Sheffield)
- Salambô Dago (Univ. of Vienna)
- Yann-Edwin Keta (Sorbonne Univ.)



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