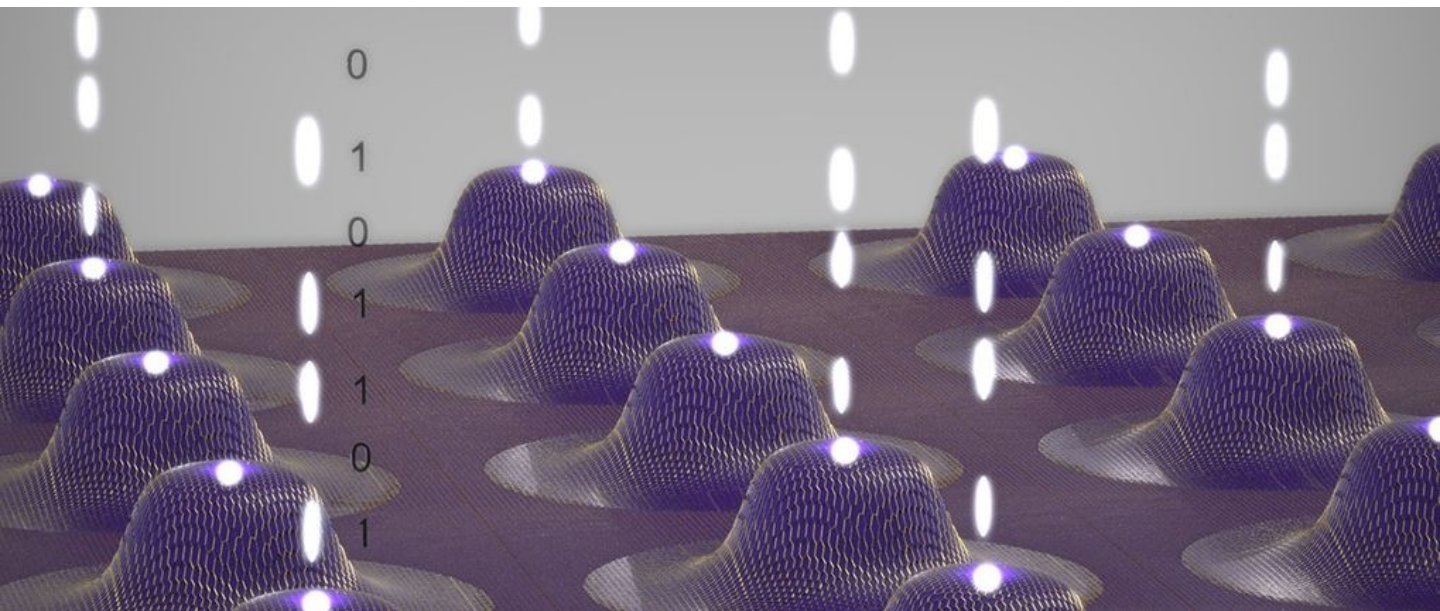




12th International Conference on Spontaneous Coherence in Excitonic systems (ICSCE-12)

June 10th – 14th 2024



Topics

- Fundamental physics of condensates, including exciton-polariton condensates, photon condensates, and lasers.
- Nonlinear dynamics and thermodynamics of condensates, including topological effects, superfluidity, and non-equilibrium universality.
- Excitons and exciton-polaritons in new materials systems (TMDCs, Perovskites, etc).
- Condensates in metastructures and lattices.
- Organic excitons and exciton-polaritons
- Applications of condensates including optical computing.
- Exciton condensates and insulators
- Cold atoms, lattices, and quantum simulation.

Confirmed invited speakers

Marzena Szymańska
University College London

Daniele Sanvitto
CNR Nanotec Lecce

Hui Deng
University of Michigan

Allan MacDonald
University of Texas at Austin

Natalia Berloff
University of Cambridge

Dmitry Krizhanovskii
University of Sheffield

Oleksandr Kyriienko
University of Exeter

Hamid Ohadi
University of St Andrews

Sylvain Ravets
CNRS Université Paris-Saclay

Karl Börjesson
University of Gothenburg

Ronen Rapaport
The Hebrew University of Jerusalem

Nigel Cooper
University of Cambridge

David Cobden
University of Washington

Puneet Murthy
ETH Zürich

Meera Parish
Monash University

Tatsuhiko Onodera
Cornell University and NTT Research

Maxime Richard
CNRS Grenoble

Eugene Demler
ETH Zürich

