

Universal themes in Bose-Einstein Condensation

Topics

Themes will include condensation in gases of ultracold atoms, quasi-particles (magnons, excitons, polaritons) in solids, light; emergence of universality and criticality in the non-equilibrium statistical mechanics of condensates; condensates in gravitation and cosmology. The structure of the workshop will be designed with a specific attention to stimulate unexpected long-range connections between distinct fields.

Organizers

Iacopo Carusotto (INO-CNR BEC Center, Trento), Thierry Giamarchi (University of Geneva), David Snoke (University of Pittsburgh, USA), Peter Littlewood (University of Chicago, USA), Francesca Maria Marchetti (UAM Madrid), Nick Proukakis (University of Newcastle, UK), Michiel Wouters (University of Antwerp, Belgium), Stefano Giorgini (University of Trento), Corinna Kollath (University of Bonn)

Keynote Speakers

Sandro Stringari (University of Trento), Gordon Baym (University of Illinois), Marzena Szymanska (UCL London), Sandy Fetter (Stanford University), Anna Minguzzi (Laboratoire de Physique et Modélisation des Milieux Condensés, CNRS), Wolfgang Ketterle (MIT), Martin Weitz (University of Bonn)

Director of ECT*: Ubirajara van Kolck

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