

Tuesday, 25 March 2025

6:00 PM - 8:00 PM

Welcome Reception & Registration

Wednesday, 26 March 2025

9:00 AM - 10:30 AM

Main Lecture Hall

1st Session

9:00 AM - 9:35 AM

New Avenues for Quantum Simulations In- and Out-of-equilibrium

Immanuel Bloch

9:35 AM - 10:10 AM

Generative AI and Diffusion Models: a Statistical Physics Approach

Giulio Biroli

10:10 AM - 10:30 AM

Phase-ordering in systems with long-range interactions

Federico Corberi

10:30 AM - 11:00 AM

Coffee Break

Wednesday, 26 March 2025

11:00 AM - 12:35 PM

Main Lecture Hall

2nd Session

11:00 AM - 11:35 AM

Thermal relaxation asymmetry: from single molecules to hydrodynamic fluctuations

Aljaz Godec

11:35 AM - 11:55 AM

The stochastic porous medium equation

Andrei Fedorenko

11:55 AM - 12:15 PM

Local density bimodality in hard disks confined to a narrow channel

Andrij Trokhymchuk

12:15 PM - 12:35 PM

Out-of-equilibrium localisation in two-dimensional quasiperiodic systems

Antonio Štrkalj

12:35 PM - 2:45 PM

Lunch Break

Wednesday, 26 March 2025

2:45 PM - 4:00 PM

Main Lecture Hall

3rd Session

2:45 PM - 3:20 PM

The inviscid fixed point of the Burgers--Kardar-Parisi-Zhang equation

Léonie CANET

3:20 PM - 3:40 PM

New quantum criticality for the strange metal and Planckian behaviour in high temperature superconductors

Carlo Di Castro

3:40 PM - 4:00 PM

Partition Function Zeros of the Frustrated J1-J2 Ising Model on the Honeycomb Lattice

Denis Gessert

4:00 PM - 4:30 PM

Coffee Break

Wednesday, 26 March 2025

4:30 PM - 5:45 PM

Main Lecture Hall

4th Session

4:30 PM - 5:05 PM

The Laplacian Renormalization Groups (LRG) unveils the structural organization of heterogeneous networks

Andrea Gabrielli

5:05 PM - 5:25 PM

Random Quantum Ising Model with Three-Spin Couplings

Ferenc Igloi

5:25 PM - 5:45 PM

Ensemble dependence of the critical behavior of a system with long range interaction and quenched randomness

Nir Schreiber

5:45 PM - 7:00 PM

Poster Session

7:00 PM - 9:00 PM

Dinner

Thursday, 27 March 2025

9:00 AM - 10:30 AM

Main Lecture Hall

5th Session

9:00 AM - 9:35 AM

Statistical properties of spectra of typical quantum operations and Lindblad generators

Karol Zyczkowski

9:35 AM - 10:10 AM

The MAGIC of Quantum Computing

Christof Wunderlich

10:10 AM - 10:30 AM

Precursor and Bulk Dynamics of Thin Film Spreading

Haim Taitelbaum

10:30 AM - 11:00 AM

Coffee Break

Thursday, 27 March 2025

11:00 AM - 12:35 PM

Main Lecture Hall

6th Session

11:00 AM - 11:35 AM

Linear and nonlinear waves on a stable torus of fluid

Filip Novkoski

11:35 AM - 11:55 AM

Effective mass approach to dynamics of non-Markovian systems

Jakub Spiechowicz

11:55 AM - 12:15 PM

Capturing instantons within the Functional Renormalization Group

Lucija Nora Farkaš

12:15 PM - 12:35 PM

Detecting changes in complex networks characteristics in the cryptocurrency market

Marcin Wątarek

12:35 PM - 2:30 PM

Lunch Break

2:30 PM - 6:00 PM

Tour of Dubrovnik City Center & Free Time

6:00 PM - 6:30 PM

50th Anniversary Celebrations

6:30 PM - 7:00 PM

Departure to Social Dinner

7:00 PM - 11:00 PM

Social Dinner

Friday, 28 March 2025

9:00 AM - 10:30 AM

Main Lecture Hall

7th Session

9:00 AM - 9:35 AM

Measurement induced transition in long-range system

Rosario Fazio

9:35 AM - 10:10 AM

When frustration is a feature: quantum applications of topologically frustrated spin chains

Alberto Catalano

10:10 AM - 10:30 AM

Ostwald ripening - an unfinished story

Michael Wilkinson

10:30 AM - 11:00 AM

Coffee Break

Friday, 28 March 2025

11:00 AM - 12:35 PM

Main Lecture Hall

8th Session

11:00 AM - 11:35 AM

Sub-symmetry protected topological states

Hrvoje Buljan

11:35 AM - 11:55 AM

Kinetic theory of weakly perturbed integrable models

Mitosz Panfil

11:55 AM - 12:15 PM

Universality of Top Rank Statistics for Brownian Reshuffling

Zdzislaw Burda

12:15 PM - 12:35 PM

Critical exponents at the Nishimori point

Gesualdo Delfino

12:35 PM - 2:45 PM

Lunch Break

Friday, 28 March 2025

2:45 PM - 4:00 PM

Main Lecture Hall

9th Session

2:45 PM - 3:20 PM

Central limit theorems, large deviations and the renormalization group

Adam Rancon

3:20 PM - 3:40 PM

General hydrodynamic approach for a cold Bose gas

Victor Pergamenschik

3:40 PM - 4:00 PM

Non-universality of aging during phase separation of the two-dimensional long-range Ising model

Wolfhard Janke

4:00 PM - 4:30 PM

Coffee Break

Friday, 28 March 2025

4:30 PM - 5:45 PM

Main Lecture Hall

10th Session

4:30 PM - 5:05 PM

Dispersive interaction of an optical frequency comb with atoms in a cavity

Ticijana Ban

5:05 PM - 5:25 PM

Analog of the Carnot engine for intracellular diffusivity fluctuations

Yuichi Itto

5:25 PM - 5:45 PM

Role of deformability in yielding of two-dimensional ring polymer glass

Sayantana Ghosh

5:45 PM - 7:00 PM

Poster Session

7:00 PM - 9:00 PM

Dinner

Saturday, 29 March 2025

8:00 AM - 12:00 PM

Departure