

Week 3**October 3 - 7, 2022**

of the Thematic Programme on

“Large Deviations, Extremes and Anomalous Transport in Non-equilibrium Systems”**September 19 - October 14, 2022**

organized by

Christoph Dellago (U Vienna), Satya Majumdar (U Paris Sud, Orsay), David Mukamel (Weizmann Institute, Rehovot), Harald Posch (U Vienna), Gregory Schehr (U Paris Sud, Orsay)**• Monday, October 3rd, 2022**10:00 – 11:00 **Roi Holtzman (Weizmann Institute, Rehovot)***The Hamiltonian bit: erasure with zero work by bypassing Liouville's theorem***• Tuesday, October 4th, 2022**10:00 – 11:00 **Tridib Sadhu (TIFR, Bangalore)***Large deviations in the non-equilibrium stationary state of diffusive systems*15:00 – 16:00 **Hyunggyu Park (KIAS, Seoul)***Speed Limit for a Highly Irreversible Process and Tight Finite-Time Landauer's Bound***• Wednesday, October 5th, 2022**10:00 – 11:00 **Gunter Schuetz (IST)***Dynamical universality classes: Recent results and open questions***• Thursday, October 6th, 2022**10:00 – 11:00 **Alexander Hartmann (U Oldenburg)***Large deviations of work distributions for RNA secondary structures and for other distributions and models*15:00 – 16:00 **Nicolo Defenu (ETH Zurich)***Quantum criticality and out-of-equilibrium scaling in long-range systems and beyond***• Friday, October 7th, 2022**10:00 – 11:00 **Ludger Santen (U of Saarland)***Non-equilibrium fluctuations and twisting of a semi-flexible filament driven by active cross-linkers***All talks take place at ESI Schrödinger Lecture Hall! Wearing an FFP2 mask is mandatory!**