

## **Program of the ASC workshop**

### **Monday**

9:15-9:30 *Opening*

9:30-10:15 Schollwoeck

*Time-dependent density matrix renormalization of systems far from equilibrium*

10:15-11:00 Täuber

*Fluctuations and correlations in diffusion-limited multispecies pair annihilation processes*

11:00-11:30 *Coffe break*

11:30-12:15 Fuchs

*Properties of driven metastable states: sheared colloidal dispersions*

12:15-14:15 *Lunch break*

14:15-15:00 Rempe

*A Mott state of ultracold molecules in an optical lattice*

15:00-15:45 Muramatsu

*Relaxation in a quench between a Mott-insulator and a Luttinger-liquid*

15:45-16:15 *Coffee break*

16:15-17:00 Kroha

*Perturbative renormalization group for quantum impurity systems in stationary non-equilibrium*

17:00-20:00 *Poster session*

20:00 *Conference dinner*

### **Tuesday**

9:00-9:45 Derrida

*Current fluctuations in one dimensional non-equilibrium systems*

9:45-10:30 Franosch

*Non-equilibrium phase transitions in driven lattice gases*

10:30-11:00 *Coffe break*

11:00-11:45 Joanny

*Molecular motors pulling membrane tubes: collective effects and traffic*

11:45-12:30 Anders

*Extension of the Numerical Renormalization Group to Non-Equilibrium: Real-time dynamics of a single spin coupled to Fermionic and Bosonic Baths*

12:30-14:15 *Lunch break*

14:15-15:00 Brouwer

*The classical limit of quantum transport*

15:00-15:45 Hänggi

*Nonadiabatic electron pumping*

15:45-16:15 *Coffee break*

16:15-17:00 Oreg

Noise propagation in Information processing Bio

17:00-17:45 Kollmann

Fractional Shot Noise in the Kondo Regime

**Wednesday**

9:00 –9:45 Bulla

*Electron Transfer in Donor-Acceptor Systems: Many-Particle effects and Influence of Electronic Correlations*

9:45-10:30 Wiggins

Statistical Network Physics

10:30-11.45 closing