

**Program**  
of the 5th International Symposium on  
**Non-equilibrium Dynamics (NeD-2016)**

**1 November, Tuesday**

- 9:20 - 9:30 Marcus Bleicher '*Opening of the NeD-2016*'  
9:30 - 10:05 Claudia Ratti '*Equation of state and conserved charge fluctuations from the lattice*'  
10:05 - 10:40 Christian Fischer '*Locating QCD's critical end point*'  
10:40 - 11:30 Rene Bellwied '*Experimental Constraints on the QCD phase diagram based on RHIC and LHC results*'  
11:30 - 11:50 *Coffee break*  
11:50 - 12:25 Reinhard Stock '*Hadronization Models and the QCD Phase Diagram*'  
12:25 - 13:00 Krzysztof Redlich '*Resonance widths and propagation of charged particle fluctuations and particle momentum distributions near the QCD phase boundary*'  
  
13:00 - 15:00 *Lunch*  
  
15:00 - 18:00 Topical discussion group  
18:00 - 18:30 *break*  
18:30 - 19:30 Sascha Vogel '*Physics in Hollywood*'

**2 November, Wednesday**

- 9:30 - 10:05 Christoph Blume '*Strangeness in Heavy-Ion Collisions -- An Updated Review*'  
10:05 - 10:40 Elena Bratkovskaya '*Chiral symmetry restoration versus deconfinement*'  
10:40 - 11:15 Joerg Aichelin '*Transport approach for an expanding plasma based on the NJL approach*'  
11:15 - 11:30 *Coffee break*  
11:30 - 12:05 Marcus Bleicher '*Charm and Strangeness subthreshold production*'  
12:05 - 12:40 Andre Mischke '*Open heavy flavour in heavy-ion collisions at the CERN-LHC*'  
12:40 - 13:15 Klaus Werner '*Multiplicity dependence of charm production and parton saturation*'  
  
13:00 - 15:00 *Lunch*  
  
15:00 - 18:00 Topical discussion group  
18:00 - 18:30 *break*  
18:30 - 19:30 Daniela Lazzaro '*Solar System Minor Bodies: important witnesses of the planetary formation and evolution but also potentially hazardous to life on Earth*'

### 3 November, Thursday

- 9:30 - 10:05 Raimond Snellings *'Measurements of collective motion in ALICE to determine the key transport parameters'*
- 10:05 – 10:40 Jan Pawlowski *'On spectral functions and transport coefficients in QCD'*
- 10:40 – 11:15 Horst Stoecker *'Hot Stuff - What Stuff?'*
- 11:15 - 11:30 *Coffee break*
- 11:30 – 12:05 Christina Markert *'Resonances probing the small system of a p-Pb collision'*
- 12:05 – 12:40 Takeshi Kodama *'Event-By-Event Analysis of the Anisotropy of Low Energy Direct Photons in Relativistic Heavy Ion Collisions'*
- 12:40 – 13:15 Burkhard Kampfer *'Holography near  $T_c$ '*
- 13:30 – 15:00 *Lunch*
- 15:30 – 17:00 Topical discussion group
- 17:30 - 18:00 *break*
- 18:00 – 19:30 Agnes Mocsy *'Smashing Matters - from Physics to Filmmaking' + film*

### 4 November, Friday

- 9:30 - 10:05 Matthias Kaminski *'Holography & quasinormal modes - tools for strongly coupled far from equilibrium dynamics'*
- 10:05 – 10:40 Christoph Herold *'Higher moments of the chiral order parameter in static and expanding media'*
- 10:40 – 11:15 Dany Davesne *'Dynamics of shock waves in strongly interacting systems'*
- 11:15 - 11:30 *Coffee break*
- 11:30 – 12:05 Yvonne Leifels *'Strangeness production at sub-threshold energies'*
- 12:05 – 12:40 Che-Ming Ko *'Anomalous transport model study of chiral magnetic effect in heavy ion collisions'*
- 12:40– 12:50 Jörg Aichelin *'Final remarks'*
- 13:00 – 15:30 *Lunch*
- 15:30 – 18:00 Topical discussion group

### 5 November, Saturday

- 9:30 – 11:30 Topical discussion group
- 11:30 - 12:00 *Coffee break*