

Program
of the 4th International 'HIC for FAIR' Symposium on
Non-equilibrium Dynamics (NeD-2015)

31 August, Monday

9:20 - 9:30 Marcus Bleicher '*Opening*'
9:30 - 10:20 David Blaschke '*Quantum kinetics of particle production in strong fields*'
10:20 - 11:10 Raimond Snellings '*Anisotropic flow*' (Part I)
11:10 - 11:40 *Coffee break*
11:40 - 12:30 Raimond Snellings '*Anisotropic flow*' (Part II)

12:30 - 13:30 *Lunch*

13:30 - 14:20 Takeshi Kodama '*Flow of Maxwell Fields*'
14:20 - 15:10 Markus Bluhm '*Simulating strongly coupled quantum fluids*'
15:10 - 17:30 Topical discussion group

1 September, Tuesday

9:30 - 10:20 Andre Mischke '*Review on recent heavy-flavour results from LHC and RHIC*'
10:20 - 11:10 Taesoo Song '*Charm dynamics in heavy-ion collisions*'
11:10 - 11:40 *Coffee break*
11:40 - 12:30 Joerg Aichelin '*What do we learn from heavy-flavor physics*'

12:30 - 13:30 *Lunch*

13:30 - 14:20 Klaus Werner '*Charm production in high multiplicity pp events*'
14:20 - 15:10 Boris Tomasik '*Contribution to flow anisotropies due to momentum deposition from hard partons*'
15:10 - 17:30 Topical discussion group

2 September, Wednesday

9:30 - 10:20 Christina Markert '*Resonances / hadronic phase*'
10:20 - 11:10 Jan Steinheimer '*Deep sub-threshold ϕ and Σ production via heavy resonances*'
11:10 - 11:40 *Coffee break*
11:40 - 12:30 Agnes Mocsy '*Unexpected Unions: A Physicist's Dip Into the Art and Design World*'

12:30 - 13:30 *Lunch*

13:30 - 17:30 Topical discussion group

3 September, Thursday

9:30 - 10:20 Christoph Blume '*Strangeness in heavy-ion collisions*' (Part I)

10:20 – 11:10 Christoph Blume '*Strangeness in heavy-ion collisions*' (Part II)

11:10 - 11:40 *Coffee break*

11:40 –12:30 Vincenzo Greco '*Equilibrium and non-equilibrium dynamics in ultra-relativistic HIC by a kinetic transport approach*'

12:30 – 13:30 *Lunch*

13:30 – 14:20 Juan M. Torres-Rincon '*Thermodynamics and phase diagram of Polyakov-Nambu-Jona-Lasinio model*'

14:20 – 17:30 Topical discussion group

4 September, Friday

9:30 - 10:20 Paul Sorensen '*Searching for the critical point in the QCD phase diagram*'

10:20 – 11:10 Marlene Nahrgang '*Nonequilibrium effects in the dynamical description of fluctuations at the QCD phase transition*'

11:10 - 11:40 *Coffee break*

11:40 –12:30 Burkhard Kaempfer '*Photon Emission near the critical point*'

12:30 – 13:30 *Lunch*

13:30 – 14:20 Cristina Manuel '*Dynamical Evolution of the Chiral Magnetic Effect*'

14:20 – 15:10 Christian Sturm '*Experimental results on CBM physics - Past and Future*'

15:10 – 17:30 Topical discussion group