

GSi/FAIR Symposium on QCD and Hadron Physics

21-23 August 2019

Theory Seminar room, SB3 3.170a

August 21

- 10:00 – 10:45 Stefan Flörchinger
Understanding quantum field dynamics through heavy ion collisions
- 13:00 – 13:45 Maxwell Hansen
Three novel ideas for elucidating the QCD spectrum
- 15:00 – 15:45 Marlene Nahrgang
QCD in the tri-border region: deconfinement, chiral symmetry restoration and the onset of fluid dynamics

August 22

- 9:00 – 9:45 Gergely Endrődi
The phase diagram of magnetized and isospin-asymmetric QCD
- 11:00 – 11:45 Sören Schlichting
Non-equilibrium QCD in nuclear collisions
- 14:00 – 14:45 Vladimir Skokov
Quantum Chromodynamics at extreme conditions
- 16:00 – 16:45 Daniel Mohler
Exotic hadrons from QCD: Lattice calculations for PANDA physics

August 23

- 9:00 – 9:45 John Bulava
Status and prospects for lattice QCD calculations of resonant hadron scattering amplitudes
- 11:00 – 11:45 Eero Aleksi Kurkela
QCD in cores of neutron stars
- 14:00 – 14:45 Jacobo Ruiz de Elvira
Strong interactions and the precision frontier of Hadron Physics