

Quark Matter and High Energy Heavy Ion Collisions: Parallel Schedule

Parallel 4 May 30: Nuclear PDFs and Heavy Ion Physics (PGDNN/QMHI)

1. 30': [144] *Recent progress in nuclear parton distributions*
Maria Zurita, BNL
2. 30': [111] *Nuclear PDF, small-x physics results at RHIC*
Xuan Li, LANL
3. 30': [293] *Cold QCD Physics of the STAR Forward Upgrade*
James Drachenberg, Lamar U
4. 30': [355] *EIC at small-x: connections to p+p/A & A+A physics at RHIC and LHC*
Prithwish Tribedy, BNL
5. 20': [30] *Hadron in jet fragmentation*
Felix Ringer, LBL

Parallel 5 May 31: Small systems and the Limits of the QG plasma

1. 20': [313] *Influence of the QCD equation of state by system size*
Jacquelyn Noronha-Hostler, Rutgers
2. 20': [315] *CMS results on small systems*
Zhenyu Chen, Rice
3. 20': [330] *PHENIX results on small systems*
Sylvia Morrow, Vanderbilt
4. 20': [346] *Hydrodynamics in small systems*
Giuliano Giacalone, IPhT
5. 20': [122] *Current status of hydrodynamic modeling from p+p to heavy ions*
Ryan Weller, MIT

Parallel 6 May 31: Heavy ions at the LHC

1. 30': [54] *Overview of recent results from the ATLAS experiment*
Brian Cole, Columbia
2. 30': [363] *Overview of recent results from the CMS experiment*
Manuel Calderon De La Barca Sanchez, UC Davis
3. 20': [250] *The ALICE upgrades for run 3 and physics projections*
Wladyslaw Trzaska, Jyväskylä U
4. 20': [314] *Parton shower modification studied with jet substructure in ALICE*
Davide Caffarri, NIKHEF
5. 20': [289] *b-jet tagging performance with ALICE*
Barbara Trzeciak, Utrecht
6. 20': [327] *The application of deep learning to event-by-event simulations of relativistic hydrodynamics*
LongGang Pan, LBNL

Parallel 8 June 1: Jet Substructure and Quenching/Flavor

1. 30': [237] *Jet measurements in heavy ion collisions*
Christine Nattrass, U Tennessee, Knoxville
2. 30': [361] *The theory of jets in dense matter*

- Abhijit Majamder, Wayne State
3. 20': **[269]** *Using photon-jet analyses to probe the QGP*
Saskia Mioduszewski, Texas A&M
 4. 20': **[37]** *Jet mass and inclusive jet production at the LHC*
Kyle Lee, Stony Brook
 5. 20': **[240]** *Heavy flavor jet quenching at RHIC and LHC energies*
Shanshan Cao, Wayne State
 6. 20': **[112]** *Energy and system-dependent heavy-flavor measurements at PHENIX at RHIC*
Xuan Li, LANL

Parallel 9 June 2: QCD Phase Transition/New Instrumentation

1. 30: **[304]** *The QCD phase diagram*
Misha Stephanov, University of Illinois, Chicago misha@uic.edu
2. 30': **[364]** *Lattice QCD thermodynamics*
Alexei Bazavov, MSU bazavov@msu.edu
3. 20': **[227]** *Searching for the QCD Critical Point through Fluctuations at RHIC*
Roli Esha, UCLA roliesha@physics.ucla.edu
4. 20': **[312]** *What have we learned from quarkonia production in relativistic heavy ion collisions?*
Che Ming Ko, Texas A&M ko@comp.tamu.edu
5. 20': **[362]** *sPHENIX: probing the quark-gluon plasma*
Ron Soltz, LLNL soltz1@llnl.gov
6. 20': **[230]** *The RHIC STAR Beam Energy Scan Phase II physics and upgrades*
David Tlusty, Rice tlutsty@rice.edu