



Topical Workshop on Beam Energy Scan (BEST 2016)



May 9-11, 2016 @ Indiana University Bloomington
[<https://indico.cern.ch/event/487447/>]

Workshop Agenda Day 1 (May 9th Mon.)

Session I: 9:00—11:00 [CEEM Large Conf. Rm.] Chair: Jinfeng Liao

- 9:00—9:15 Swagato Mukherjee (BNL)
“Welcome & Introduction on BEST Collaboration”
- 9:15—9:55 Berndt Mueller (BNL/Duke)
“Perspectives on Mapping the QCD Phase Diagram”
- 9:55—10:35 Nu Xu (CCNU/LBNL)
“Experimental Overview on bulk properties and the search for critical point at BES”
- 10:35—11:00 Coffee Break

Session II: 11:00—13:00 [CEEM Large Conf. Rm.] Chair: Ho-Ung Yee

- 11:00—11:40 Huan Zhong Huang (UCLA/Fudan)
“Experimental Overview on the search of anomalous chiral effects”
- 11:40—12:20 Marlene Nahrgang (Duke)
“Theoretical Overview on bulk evolution and critical point at BES”
- 12:20—13:00 Yuji Hirono (Stony Brook)
“Theoretical Overview on the search of anomalous chiral effects”

13:00—14:30 Lunch Break [CEEM Lounge]

Session III: 14:30—17:30 [CEEM Large Conf. Rm.] Chair: Thomas Schaefer

- 14:30—15:00 Charles Horowitz (IUB)
“Equation of State for Dense QCD Matter”
- 15:00—15:30 Yi Yin (BNL)
“Critical Dynamics and Search for QCD Critical Point”
- 15:30—16:00 Michael Snow (IUB)
“Search of P and CP Violations in Excited Nuclear Systems”
- 16:00—16:30 Coffee Break & Free Discussions
- 16:00—17:30 BEST Collaboration Working Group Breakout

BEST 2016 Organizing Committee:

V. Koch (LBNL), J. Liao (IU/RBRC), S. Mukherjee (BNL), H.U. Yee (UIC/RBRC)



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Workshop Agenda Day 2 (May 10th Tue.)

Session IV: 9:00—11:00 [CEEM Large Conf. Rm.] Chair: Ulrich Heinz

- 9:00—9:30 Chun Shen (McGill)
"Hybrid Approach to Relativistic Heavy-Ion Collisions at the RHIC BES Energies"
- 9:30—10:00 Gojko Vujanovic (OSU)
"Sensitivity of Thermal dileptons to the dissipative properties of a hydrodynamic evolution"
- 10:00—10:30 Dennis Bazow (OSU)
"Fluid Dynamics for Anisotropically Expanding Quark-Gluon Plasma"
- 10:30—11:00 Coffee Break

Session V: 11:00—12:30 [CEEM Large Conf. Rm.] Chair: Jiunn-Wei Chen

- 11:00—11:30 Patrick Steinbrecher (BNL)
"Conserved Charge Fluctuations from Lattice QCD"
- 11:30—12:00 Andrey Sadofyev (MIT)
"Dissipative Properties of Chiral Media"
- 12:00—12:30 Yin Jiang (IUB)
"Vorticity-Driven Effects in Rotating Quark-Gluon Plasma"

12:30—14:00 Lunch Break [CEEM Lounge]

Session VI: 14:00—18:00 [CEEM Large Conf. Rm.] Chair: Paul Sorensen

- 14:00—14:30 Mark Mace (Stony Brook/BNL)
"Sphalerons Far-From-Equilibrium and Associated Phenomena"
- 14:30—15:00 Shuzhe Shi (IUB)
"Anomalous Transport from Chiral-Viscous-Hydrodynamics"
- 15:00—15:30 Kiminad Mamo (UIC)
"Spin Polarization of Photons from Axially Charged Plasma"
- 15:30—16:00 Coffee Break & Free Discussions
- 15:30—18:00 BEST Collaboration Working Group Breakout

18:30—20:30 Workshop Dinner [Uptown Café in Downtown Bloomington]

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Workshop Agenda Day 3 (May 11th Wed.)

Session VII: 8:30—11:00 [CEEM Large Conf. Rm.] Chair: Misha Stephanov

- 8:30—9:10 Bjoern Schenke (BNL)
"Hydro Working Group Plan"
- 9:10—9:50 Frithjof Karsch (BNL)
"Lattice Working Group Plan"
- 9:50—10:30 Krishna Rajagopal (MIT)
"Critical Point Working Group Plan"
- 10:30—11:00 *Coffee Break*

Session VIII: 11:00—13:00 [CEEM Large Conf. Rm.] Chair: Swagato Mukherjee

- 11:00—11:40 Dmitri Kharzeev (Stony Brook/BNL)
"CME Working Group Plan"
- 11:40—12:20 Scott Pratt (MSU)
"Hadronic Transport Working Group Plan"
- 12:20—13:00 Volker Koch (LBNL)
"Workshop Summary"

13:00—14:30 *Lunch Break [CEEM Lounge]*

14:30 *End of Workshop*

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