

Session Program

5 January 2021 to 5 March 2021

HIM archive 2004-10 - 2022-08

***ATHIC 2008@University of Tsukuba (HIM
2008-10)***

Friday 8 January

11:00

ATHIC 2008@University of Tsukuba (HIM 2008-10)

Session

11:00-11:20 Session[1A]

Subcontributions

Welcome and opening remark, Yasuo Miake(Univ. of Tsukuba)

Overview of experimental results from RHIC, Yasuyuki Akiba (RIKEN)

Hydrodynamic modeling of heavy ion collisions, Tetsufumi Hirano (Univ. of Tokyo)

11:20-11:40 Session[1B]

Subcontributions

STAR Flow Review, Aihong Tang (BNL)

Viscous hydrodynamics for relativistic heavy ion collisions, Huichao Song (Ohio State Univ.)

Towards LHC-ALICE collaboration (Panel discussion), Hideki Hamagaki (Univ. of Tokyo), Youngil Kwon (Yonsei Univ.), Kenta shigaki (Hiroshima Univ.), Shinichi Esumi (Univ. of Tsukuba)

11:40-12:00 Session[1C]

Subcontributions

High energy collisions in AdS, Yoshitaka Hatta (Univ. of Tsukuba)

Heavy quarks in AdS/QCD, Youngman Kim (KIAS)

Hadrons and QGP in Dense medium, a holographic view, Sang-jin Sin (Hanyang Univ.)

12:00-12:20 Session[1D]

Subcontributions

Heavy Quark and Quarkonia Production at RHIC, Taku Gunji (Univ. of Tokyo)

Charmonium dissociation temperatures from QCD sum rules, Kenji Morita (Yonsei Univ.)

Nuclear Effects on the charm production in the CGC framework, Hirotsugu Fujii (Univ. of Tokyo)

QCD Thermodynamics at fixed lattice scale, Takashi Umeda (Univ. of Tsukuba)

12:20-12:40 Session[2A]

Subcontributions

Theoretical overview, Su Hounng Lee (Yonsei Univ.)

Collective expansion of QGP, Shinichi Esumi (Univ. of Tsukuba)

12:40-13:00 Parallel Session[2B1]

Subcontributions

sQM-strongly couple Quark Matter, Masakiyo Kitazawa (Osaka Univ.)

QCD Critical Point, Kenji Fukushima (YITP)

The Critical point of QCD, Sourendu Gupta (Tata Institutue, India)

13:00-13:20 Parallel Session[2B2]

Subcontributions

Jet quenching and photon production in QGP, Sangyong Jeon (McGil Univ.)

Surface vs volume emission in photon-hadron correlation, Hanzhong Zhang (Huazhong Normal Univ.)

Centrality-dependent pt spectrum of direct photon, Fu-Ming Liu (Central China Normal Univ.)

13:20-13:40 Parallel Session[2C1]

Subcontributions

Initial conditions at RHIC, Yasushi Nara (Akita International Univ.)

Measurement of phi-meson production at RHIC, Jin-Hui Chen (Shanghai Institute of Applied Physics, CAS)

Anisotropic flow, impact parameter, and multiplicity in relativistic heavy ion collisions, Yuanfang Wu (Huazhong Normal Univ.)

Systematic study of elliptic flow at RHIC, Maya Shimomura (Univ. of Tsukuba)

13:40-14:00 Parallel Session[2C2]

Subcontributions

STAR Asian Computing Center, In-Kwon Yoo (Pusan Nat'l Univ.)

v2 & hydro, Hiroshi Masui (LBNL)

Charm/bottom measurements at RHIC, Shingo Sakai (UCLA)

Di-and Tri-hadron correlation in partonic transport model, Guo-Liang Ma (Shanghai Institute of Applied Physics, CAS)

14:00-14:20 Parallel Student Session[2D1]

Subcontributions

BCS-BEC crossover in asymmetric nuclear matter, Shijun Mao (Tsihghua Univ.)

Particle production by Schwinger mechanism, Naoto Tanji (univ. of Tokyo)

Relativistic BCS-BEC crossover at quark level, Lianyi He (Tsinghua Univ.)

Heavy Quark Diffusion with Relativistic Langevin Dynamics in the Quark-Gluon Fluid, Yukinao Akamatsu (Univ. of Tokyo)

Heavy Quark Potential from a Spectral Decomposition of the Thermal Wilson Loop, Alexander Rothkopf (Univ. of Tokyo)

14:20-14:40 Parallel Student Session[2D2]

Subcontributions

Direct photon in PHENIX, Yorito Yamaguchi (Univ. of Tokyo)

Combinatorial pair background in the $e+e^-$ mass spectra in p+p collisions at $\sqrt{s}=14$ TeV, Ceomsu Chang (Yonsei Univ.)

Low Mass vector meson measurements at RHIC, Mikaki Ouchida (Hiroshima Univ.)

Gamman-conversion tomography of STAR detector system with silicon detector and future, Kyung Eon Choi (Pusan Nat'l Univ.)

A Simple Method and Test of Single Photoelectron and Uniformity Measurement for Multi-Anode PMT, Chang Wook Son (Pusan Nat'l Univ.)

14:40-15:00 Session[3A]

Subcontributions

QGP and Jets, Xin-Nian Wang (LBNL)

Jets in STAR, Nu Xu (LANL)

15:00-15:20 Session[3B]

Subcontributions

Hadronizations of a quark-gluon plasma via recombination, Kang-Seog Lee (Chonnam Nat'l Univ.)

Fluctuation and HBT results, Kensuke Homma (Hiroshima Univ.)

Modification of heavy quark fragmentation function in QGP, Enke Wang (huazhong Normal Univ.)

15:20-15:40 Session[3C]

Subcontributions

J-parc Overview, Shoji Nagamiya (KEK, J-parc)

Dense Matter at J-parc, Kyoichiro Ozawa (Univ. of Tokyo)

Compressed Baryonic Matter: Highlight & Prospects, Byungsik Hong (Korea Univ.)

Anisotropic flow: from RHIC to the LHC, Raimond Snellings (NIKHEF)

15:40-16:00

Session[3D]**Subcontributions**

Lattice studies of QCD at finite temperature and finite density, Kazuyuki Kanaya (Univ. of Tsukuba)

Phase Transitions and the Perfectness of Fluids, Jiunn-Wei Chen (National Taiwan Univ.)

Cosmological Heavy Ion Collisions, Chang-Hwan Lee (Pusan Nat'l Univ.)

Next ATHIC in 2010, Enke Wang (Huazhong Normal Univ.)

16:00