

QCD 物理暨国家自然科学基金 重大项目交流会

Report of Contributions

Contribution ID: 3

Type: **not specified**

Opening

Contribution ID: 4

Type: **not specified**

Search for the QCD critical end point with finite-size susceptibility scaling functions

Presenter: Prof. LACEY, Roy (Stony Brook University)

Contribution ID: 5

Type: **not specified**

CEP of the QCD Phase Transition via the Dyson - Schwinger Equation Approach

Presenter: LIU, Yuxin (Peking University)

Contribution ID: 6

Type: **not specified**

QCD phase structure within the FRG approach

Presenter: FU, Weijie (Dalian University of Technology)

Contribution ID: 7

Type: **not specified**

workshop photo& coffee break

Contribution ID: 8

Type: **not specified**

QCD phase structure from Lattice QCD

Presenter: DING, Hengtong (CCNU)

Contribution ID: 9

Type: **not specified**

Light flavor production in STAR BES and QCD phase transition

Presenter: ZHU, Xianglei (Tsinghua University)

Contribution ID: **10**

Type: **not specified**

Lunch break (first floor, Academic Center))

Contribution ID: 11

Type: **not specified**

Probing QCD phase diagram with light nuclei production in relativistic heavy-ion collisions

Presenter: KO, Che-Ming (Texas A&M)

Contribution ID: 12

Type: **not specified**

Dynamical Modeling for RHIC Beam Energy Scan

Presenter: SONG, Huichao (Peking University)

Contribution ID: 13

Type: **not specified**

Phase transitions with Magnetic field and Rotation

Presenter: HOU, Defu (CCNU)

Contribution ID: 14

Type: **not specified**

Centrality fluctuations in heavy-ion collisions

Presenter: JIA, Jiangyong (StonyBrook University)

Contribution ID: 15

Type: **not specified**

Discussion

Contribution ID: 16

Type: **not specified**

STAR Spin: Present and Future

Friday, 19 July 2019 09:00 (45 minutes)

Presenter: GAGLIARDI, Carl (Texas A&M)

Session Classification: 3D structure of nucleon and STAR Cold-QCD physics

Contribution ID: 17

Type: **not specified**

The spin content of the nucleon sea

Friday, 19 July 2019 09:45 (45 minutes)

Presenters: Prof. MA, Bo-Qiang (Peking University); MA, Boqiang (Peking University)

Session Classification: 3D structure of nucleon and STAR Cold-QCD physics

Contribution ID: **18**

Type: **not specified**

Jet quenching in heavy-ion collisions

Friday, 19 July 2019 11:00 (30 minutes)

Presenter: QIN, Guang-You (Central China Normal University)

Session Classification: 3D structure of nucleon and STAR Cold-QCD physics

Contribution ID: 19

Type: **not specified**

Jet production in heavy ion collisions

Friday, 19 July 2019 11:30 (30 minutes)

Presenter: SAHOO, Nihar (Shandong University)

Session Classification: 3D structure of nucleon and STAR Cold-QCD physics

Contribution ID: 20

Type: **not specified**

STAR forward upgrade overview

Friday, 19 July 2019 14:00 (30 minutes)

Presenter: RUAN, Lijuan (BNL)

Session Classification: 3D structure of nucleon and STAR Cold-QCD physics

Contribution ID: 21

Type: **not specified**

STAR Silicon tracker upgrade status

Friday, 19 July 2019 14:30 (30 minutes)

Presenter: YE, Zhenyu (UIC)

Session Classification: 3D structure of nucleon and STAR Cold-QCD physics

Contribution ID: 22

Type: **not specified**

STAR Forward Simulation

Friday, 19 July 2019 15:00 (30 minutes)

Presenter: CHEN, Zhenyu (S)

Session Classification: 3D structure of nucleon and STAR Cold-QCD physics

Contribution ID: 23

Type: **not specified**

sTGC R&D at SDU

Friday, 19 July 2019 15:30 (30 minutes)

Presenter: 杨, 驰 (Shandong University)

Session Classification: 3D structure of nucleon and STAR Cold-QCD physics

Contribution ID: 24

Type: **not specified**

Discussion

Friday, 19 July 2019 16:00 (2 hours)

Session Classification: 3D structure of nucleon and STAR Cold-QCD physics

Contribution ID: 25

Type: **not specified**

Search for the QCD critical end point with finite-size susceptibility scaling functions

Thursday, 18 July 2019 09:00 (30 minutes)

Presenter: LACEY, Roy (Stony Brook University)

Session Classification: QCD critical point & equation of state

Contribution ID: 26

Type: **not specified**

CEP of the QCD Phase Transition via the Dyson - Schwinger Equation Approach

Thursday, 18 July 2019 09:30 (30 minutes)

Presenter: LIU, Yuxin (PKU)

Session Classification: QCD critical point & equation of state

Contribution ID: 27

Type: **not specified**

QCD phase structure within the FRG approach

Thursday, 18 July 2019 10:00 (30 minutes)

Presenter: 付, 伟杰 (大连理工大学)

Session Classification: QCD critical point & equation of state

Contribution ID: 28

Type: **not specified**

QCD phase structure from Lattice QCD

Thursday, 18 July 2019 11:00 (30 minutes)

Presenter: Prof. DING, Heng-Tong (Central China Normal University)

Session Classification: QCD critical point & equation of state

Contribution ID: 29

Type: **not specified**

Light flavor production in STAR BES and QCD phase transition

Thursday, 18 July 2019 11:30 (30 minutes)

Presenter: Dr ZHU, Xianglei (Tsinghua University)

Session Classification: QCD critical point & equation of state

Contribution ID: 30

Type: **not specified**

Probing QCD phase diagram with light nuclei production in relativistic heavy-ion collisions

Thursday, 18 July 2019 14:00 (30 minutes)

Presenter: KO, Che-Ming (Texas A&M)

Session Classification: QCD critical point & equation of state

Contribution ID: 31

Type: **not specified**

Dynamical Modeling for RHIC Beam Energy Scan

Thursday, 18 July 2019 14:30 (30 minutes)

Presenter: 宋, 慧超 (Peking University)

Session Classification: QCD critical point & equation of state

Contribution ID: 32

Type: **not specified**

Phase transitions with Magnetic field and Rotation

Thursday, 18 July 2019 15:00 (30 minutes)

Presenter: HOU, Defu (CCNU)

Session Classification: QCD critical point & equation of state

Contribution ID: 33

Type: **not specified**

Centrality fluctuations in heavy-ion collisions

Thursday, 18 July 2019 15:30 (30 minutes)

Presenter: JIA, Jiangyong (Stony Brook University)

Session Classification: QCD critical point & equation of state

Contribution ID: **34**

Type: **not specified**

Discussion

Thursday, 18 July 2019 16:00 (2 hours)

Session Classification: QCD critical point & equation of state

Contribution ID: 35

Type: **not specified**

Sequential heavy flavor production in high energy nuclear collisions

Saturday, 20 July 2019 09:00 (30 minutes)

Presenter: Prof. ZHUANG, Pengfei (Tsinghua University)

Session Classification: Heavy flavor and strangeness production

Contribution ID: 36

Type: **not specified**

Recent open bottom measurements at RHIC

Saturday, 20 July 2019 09:30 (30 minutes)

Presenter: Prof. YIFEI, Zhang (University of Science and Technology of China)

Session Classification: Heavy flavor and strangeness production

Contribution ID: 37

Type: **not specified**

Open charm production from STAR

Saturday, 20 July 2019 10:00 (30 minutes)

Presenter: YE, Zhenyu (UIC)

Session Classification: Heavy flavor and strangeness production

Contribution ID: 38

Type: **not specified**

Recent measurements of Quarkonia production with STAR

Saturday, 20 July 2019 11:00 (30 minutes)

Presenter: Prof. TANG, Zebo (University of Science and Technology of China)

Session Classification: Heavy flavor and strangeness production

Contribution ID: 39

Type: **not specified**

Study on heavy-flavour and strangeness with ALICE

Saturday, 20 July 2019 11:30 (30 minutes)

Presenter: Dr ZHANG, xiaoming (institute of particle physics, huazhong normal university)

Session Classification: Heavy flavor and strangeness production

Contribution ID: 40

Type: **not specified**

Charm-hadron production in pp and AA collisions

Saturday, 20 July 2019 14:00 (30 minutes)

Presenter: HE, Min (Nanjing University of Science & Technology)

Session Classification: Heavy flavor and strangeness production

Contribution ID: 41

Type: **not specified**

Stochastic Schrodinger equation (SSE) for heavy quark thermalization in QGP

Saturday, 20 July 2019 14:30 (30 minutes)

Presenter: CHEN, Baoyi (Tianjin University)

Session Classification: Heavy flavor and strangeness production

Contribution ID: 42

Type: **not specified**

Collectivity of strange and charm hadrons and Ds meson production at RHIC-STAR

Saturday, 20 July 2019 15:00 (30 minutes)

Presenter: 施, 梳苏 (Central China Normal University)

Session Classification: Heavy flavor and strangeness production

Contribution ID: 43

Type: **not specified**

Production of strange and charm hadron in Quark Combination Model (QCM)

Saturday, 20 July 2019 15:30 (30 minutes)

Presenter: Prof. SHAO, fenglan (qufu normal university)

Session Classification: Heavy flavor and strangeness production

Contribution ID: 44

Type: **not specified**

Local spin polarization in high energy heavy ion collisions

Sunday, 21 July 2019 09:00 (30 minutes)

Presenter: Prof. WANG, Qun (University of Science and Technology of China)

Session Classification: QCD medium polarization and chiral vorticity effect

Contribution ID: 45

Type: **not specified**

Lambda polarization along the beam direction in heavy-ion collisions

Sunday, 21 July 2019 09:30 (30 minutes)

Presenter: NIIDA, Takafumi

Session Classification: QCD medium polarization and chiral vorticity effect

Contribution ID: 46

Type: **not specified**

Vorticity and spin polarization in heavy-ion collisions

Sunday, 21 July 2019 10:00 (30 minutes)

Presenter: HUANG, Xu-Guang (Fudan University)

Session Classification: QCD medium polarization and chiral vorticity effect

Contribution ID: 47

Type: **not specified**

Higher order corrections to anomalous transports and non-static response of CME

Sunday, 21 July 2019 11:00 (30 minutes)

Presenter: HOU, Defu (CCNU)

Session Classification: QCD medium polarization and chiral vorticity effect

Contribution ID: 48

Type: **not specified**

Chiral kinetic theory from effective field theory and beyond

Sunday, 21 July 2019 11:30 (30 minutes)

Presenter: LIN, Shu (Sun Yat-Sen University)

Session Classification: QCD medium polarization and chiral vorticity effect

Contribution ID: 49

Type: **not specified**

Polarization and vorticity in the region of the STAR forward upgrade

Sunday, 21 July 2019 14:00 (30 minutes)

Presenter: UPSAL, Isaac (Shandong University)

Session Classification: QCD medium polarization and chiral vorticity effect

Contribution ID: 50

Type: **not specified**

Spin alignment measurements of vector meson in heavy-ion collisions

Sunday, 21 July 2019 14:30 (30 minutes)

Presenter: ZHOU, Chensheng (Shanghai Institute of Applied Physics)

Session Classification: QCD medium polarization and chiral vorticity effect

Contribution ID: 51

Type: **not specified**

Off-equilibrium infrared structure of selfinteracting scalar fields

Sunday, 21 July 2019 15:00 (30 minutes)

Presenter: Mr DENG, Jian (Shandong University)

Session Classification: QCD medium polarization and chiral vorticity effect

Contribution ID: 52

Type: **not specified**

spin effects from quantum transport theory

Sunday, 21 July 2019 15:30 (30 minutes)

Presenter: Dr 高, 建华 (山东大学 (威海))

Session Classification: QCD medium polarization and chiral vorticity effect

Contribution ID: 53

Type: **not specified**

Discussion

Sunday, 21 July 2019 16:00 (2 hours)

Session Classification: QCD medium polarization and chiral vorticity effect

Contribution ID: 54

Type: **not specified**

Transport model study of chiral magnetic effects

Monday, 22 July 2019 09:00 (45 minutes)

Presenter: KO, Che-ming (Texas A&M)

Session Classification: QCD Chiral magnetic effect

Contribution ID: 55

Type: **not specified**

Experimental status of the CME search

Monday, 22 July 2019 09:45 (45 minutes)

Presenter: WANG, fuqiang (Huzhou Univ./Purdue Univ.)

Session Classification: QCD Chiral magnetic effect

Contribution ID: 56

Type: **not specified**

Quantifying CME in heavy ion collision

Monday, 22 July 2019 10:50 (45 minutes)

Presenter: LIAO, JINFENG (Indiana University)

Session Classification: QCD Chiral magnetic effect

Contribution ID: 57

Type: **not specified**

Charge dependent flow and the search for the chiral magnetic wave at RHIC and LHC

Monday, 22 July 2019 11:35 (30 minutes)

Presenter: SHOU, Qiye (Fudan University)

Session Classification: QCD Chiral magnetic effect

Contribution ID: 58

Type: **not specified**

Recent AMPT developments relevant for the study of chiral magnetic effects

Monday, 22 July 2019 14:00 (30 minutes)

Presenter: LIN, Zi-Wei (East Carolina University)

Session Classification: QCD Chiral magnetic effect

Contribution ID: 59

Type: **not specified**

Sensitivity analysis of CME observables with AMPT model

Monday, 22 July 2019 14:30 (30 minutes)

Presenter: Dr MA, Guo-Liang (Fudan University)

Session Classification: QCD Chiral magnetic effect

Contribution ID: 60

Type: **not specified**

Heavy flavor in small system: is cold nuclear matter still cold?

Monday, 22 July 2019 15:00 (30 minutes)

Presenter: CHEN, Zhenyu (S)

Session Classification: QCD Chiral magnetic effect

Contribution ID: 61

Type: **not specified**

System scan of collective flow in relativistic heavy-ion collisions by AMPT model

Monday, 22 July 2019 15:30 (30 minutes)

Presenter: Dr 张, 松 (Fudan University)

Session Classification: QCD Chiral magnetic effect

Contribution ID: **62**

Type: **not specified**

Discussion

Monday, 22 July 2019 16:00 (2 hours)

Session Classification: QCD Chiral magnetic effect

Contribution ID: **63**

Type: **not specified**

NICA-MPD status report

Tuesday, 23 July 2019 09:00 (45 minutes)

Presenter: WANG, fuqiang

Session Classification: NICA-MPD Physics

Contribution ID: 64

Type: **not specified**

The electromagnetic calorimeter detector for NICA-MPD

Tuesday, 23 July 2019 09:45 (45 minutes)

Presenter: WANG, Yi (H)

Session Classification: NICA-MPD Physics

Contribution ID: 65

Type: **not specified**

NICA-MPD ETOF: Physics Opportunities and Conceptual Design

Tuesday, 23 July 2019 10:50 (45 minutes)

Presenter: Prof. TANG, Zebo (University of Science and Technology of China)

Session Classification: NICA-MPD Physics

Contribution ID: 66

Type: **not specified**

MAPS-based Inner Tracker for the NICA/MPD experiment and R&D Plan in China

Tuesday, 23 July 2019 11:35 (30 minutes)

Presenter: Prof. WANG, Yaping (Central China Normal University)

Session Classification: NICA-MPD Physics

Contribution ID: 67

Type: **not specified**

Experimental search of QCD phase transition and critical point

Tuesday, 23 July 2019 14:00 (45 minutes)

Presenter: Dr LUO, Xiaofeng (Central China Normal University)

Session Classification: NICA-MPD Physics

Contribution ID: **68**

Type: **not specified**

Constraints on EOS from neutron star observations

Tuesday, 23 July 2019 14:45 (45 minutes)

Presenter: Dr LI, ang (Department of Physics, Xiamen, 361005 Fujian Province, P. R. China)

Session Classification: NICA-MPD Physics

Contribution ID: 69

Type: **not specified**

Pixel Detector Array and Their Applications in High Energy Experiment

Tuesday, 23 July 2019 15:30 (45 minutes)

Presenter: SUN, Xiangming (CCNU)

Session Classification: NICA-MPD Physics

Contribution ID: 70

Type: **not specified**

Discussion

Tuesday, 23 July 2019 16:15 (1h 45m)

Session Classification: NICA-MPD Physics

Contribution ID: 71

Type: **not specified**

Explore Tomography of Partons at Future EIC

Wednesday, 24 July 2019 09:00 (30 minutes)

Presenter: Dr YUAN, Feng (Lawrence Berkeley National Lab)

Session Classification: EIC Physics

Contribution ID: 72

Type: **not specified**

Plans for HIAF and EicC

Wednesday, 24 July 2019 09:30 (30 minutes)

Presenter: Mr XU, Nu (CCNU)

Session Classification: EIC Physics

Contribution ID: 73

Type: **not specified**

Models and phenomenology of TMD distribution functions and fragmentation functions

Wednesday, 24 July 2019 10:00 (30 minutes)

Presenter: 吕, 准 (SEU)

Session Classification: EIC Physics

Contribution ID: 74

Type: **not specified**

Nuclear effects at Electron Ion Colliders

Wednesday, 24 July 2019 11:00 (30 minutes)

Presenter: XING, Hongxi (South China Normal University)

Session Classification: EIC Physics

Contribution ID: 75

Type: **not specified**

Probing the linear polarization of photons in UPCs

Wednesday, 24 July 2019 11:30 (30 minutes)

Presenter: Dr YAJIN, Zhou (Shandong University)

Session Classification: EIC Physics

Contribution ID: 76

Type: **not specified**

项目整体进展报告

Thursday, 25 July 2019 08:30 (20 minutes)

Presenter: MA, Yu-Gang (Shanghai Institute of Applied Physics, CAS)

Session Classification: 基金委重大项目“量子色动力学的相结构和新颖拓扑效应研究”
年度进展报告会

Contribution ID: 77

Type: **not specified**

课题 1 进展: QCD 临界点与状态方程

Thursday, 25 July 2019 08:50 (25 minutes)

Presenter: Prof. LIU, Feng (Institute of particle Physice, Huazhong Normal Univ.)

Session Classification: 基金委重大项目“量子色动力学的相结构和新颖拓扑效应研究”
年度进展报告会

Contribution ID: 78

Type: **not specified**

课题 2 进展：重味与奇异粒子产生

Thursday, 25 July 2019 09:15 (25 minutes)

Presenter: Prof. ZHUANG, Pengfei (Tsinghua University)

Session Classification: 基金委重大项目“量子色动力学的相结构和新颖拓扑效应研究”
年度进展报告会

Contribution ID: 79

Type: **not specified**

课题 3 进展: QCD 介质极化和手征涡流效应

Thursday, 25 July 2019 10:10 (25 minutes)

Presenter: Prof. 梁, 作堂 (Shandong University)

Session Classification: 基金委重大项目“量子色动力学的相结构和新颖拓扑效应研究”
年度进展报告会

Contribution ID: 80

Type: **not specified**

课题 4 进展: QCD 手征磁效应

Thursday, 25 July 2019 10:35 (25 minutes)

Presenter: MA, Yu-Gang (Shanghai Institute of Applied Physics, CAS)

Session Classification: 基金委重大项目 “量子色动力学的相结构和新颖拓扑效应研究”
年度进展报告会

Contribution ID: 81

Type: **not specified**

项目进展讨论及建议

Thursday, 25 July 2019 11:00 (1 hour)

Session Classification: 基金委重大项目“量子色动力学的相结构和新颖拓扑效应研究”
年度进展报告会

Contribution ID: **82**

Type: **not specified**

Test