

## Data: 13-Jul

8:00-8:30		Onsite Registration	
<b>Session 1: QCD Phase Diagram</b> (Chair: Zhigang Xiao)			
8:30-9:00	Frithjof Karsch	Bielefeld University	Conserved charge fluctuations and correlations in finite-density QCD
9:00-9:25	Jan Pawłowski	Heidelberg University	Locating the critical end point and the phase boundary of QCD from first principle QCD
9:25-9:50	Mei Huang	UCAS	Net proton number cumulants from viscous hydro with equation of state including a critical end point
9:50-10:15	Weijie Fu	Dalian Univ. of Science and Technology	Ripples of the QCD critical point
Photo + Coffee Break			
<b>Session 2: QCD Phase Diagram</b> (Chair: Hengtong Ding)			
10:50-11:15	Senger, Peter	GSI	Exploring dense nuclear matter with heavy-ion collisions
11:15-11:40	Kenji Fukushima	Tokyo University	Probing high-density states of QCD matter
11:40-12:05	Jinhui Chen	Fudan University	Progress on measurements of vector meson spin alignment and electromagnetic field effect in heavy-ion collisions at RHIC
12:05-12:30	Shin'ichi Esumi	Tsukuba University	Flow and Fluctuation Studies in Beam Energy Scan at High Baryon Density
Lunch (New Physics Building)			
<b>Session 3: SRC/HBT</b> (Chair: Shu Lin)			
13:30-13:55	Bao-Jun Cai	Shadow Creator	Nucleon Short-range Correlations and Equation of State of Dense Nuclear Matter
13:55-14:20	Chuan Fu	IMP	Measurements of Proton-Proton, Proton - $\Lambda$ and Proton - $\Xi^-$ Correlation Functions in 3 GeV Au+Au Collisions at RHIC
14:20-14:45	Ke Mi	CCNU	Femtoscropy analysis involving light nuclei at RHIC-STAR
14:45-15:10	Youquan Qi	CCNU	Measurements of two-pion Femtoscropy in Au+Au Collisions at $\sqrt{s_{NN}} = 3.0, 3.2, 3.5,$ and $3.9$ GeV from RHIC-STAR
Coffee Break			
<b>Session 4: EOS/QCD Phase Diagram</b> (Chair: Guoyun Shao)			
15:50-16:15	Xiaofeng Luo	CCNU	Exploring the QCD Phase Structure with RHIC Beam Energy Scan
16:15-16:40	Fan Si	USTC	Precision Measurement of Net-proton Number Fluctuations in Au+Au Collisions at RHIC
16:40-17:05	Yongjia Wang	Huzhou University	The time evolution of elliptic flow in heavy-ion collisions at intermediate energies
17:05-17:30	Kai Zhou	CUHK/Shenzhen	Exploration of QCD matter in extreme meets Deep Learning
Dinner (New Physics Building)			

## Data: 14-Jul

Session 1: Hyper-nuclei(Chair: Nu Xu)			
8:30-9:00	Yifei Zhang	USTC	Hypernuclei production at high net-baryon density
9:00-9:25	Guannan Xie	UCAS	Experiment Measurements of (A=4) HyperNuclei Production from the High Baryon Density Region
9:25-9:50	Chengdong Han	IMP	Light- and Hyper-Nuclei Directed flow in Au+Au Collisions in $\sqrt{s_{NN}} = 3.0 - 4.5$ GeV at RHIC-STAR
9:50-10:15	Kaijia Sun	Fudan University	(Anti-)Hypertriton Polarization in Heavy-Ion Collisions
Coffee Break			
Session 2: Strangeness / exotic(Chair: Xianglei Zhu)			
10:40-11:05	Jujun Xie	IMP	Hyperon Time-like Electromagnetic Form Factors within VMD Model
11:05-11:30	Qian Wang	South China Normal University	Production of double charm tetraquark in pp collision and heavy ion collision
11:30-11:55	An Gu	Huzhou University	$v_2$ measurement of the $f_0(980)$ in pPb collisions and determination of its quark content by CMS
11:55-12:20	Yingjie Zhou	GSI	Measurements of Strangeness Production at High Baryon Density with the STAR Experiment
Lunch (New Physics Building)			
Session 3: Instrumentation(Chair: Hao Qiu)			
13:30-13:55	Norbert Herrmann	Heidelberg University	Strangeness measurements at large baryon densities
13:55-14:20	Lei Zhao	USTC	R&D on readout electronics for particle physics experiments in USTC
14:20-14:45	Aiqiang Guo	IMP	Future experiment at HIAF: CHNS and EicC
14:45-15:10	Yapeng Zhang	IMP	Status of CSR External-target Experiment (CEE) at HIRFL
Coffee Break			
Session 4: Production in HIC(Chair: Dehua Wen)			
15:50-16:15	Shijun Mao	Xi'an Jiaotong Univ.	Mass spectra of meson nonet under external magnetic field
16:15-16:40	Zhao-Qing Feng	Southern China Univ. of Technology	Hypernucleus production and hyperon-nucleon interaction in dense matter via heavy-ion collisions
16:40-17:05	Si-Bo Wang	Chongqing University	Effective mass splitting and in-medium NN cross sections probed by a relativistic ab initio method
17:05-17:30	Jiaxing Zhao	GSI	Heavy flavor production from high to low energy heavy ion collisions
Banquet: Quanjude (全聚德)			

## Data: 15-Jul

Session 1: Transport model(Chair: Hanzhong Zhang)			
8:30-9:00	Jan Steinheimer	Frankfurt University	High baryon density matter in Heavy Ion Collisions: a chiral mean-field equation of state in UrQMD
9:00-9:25	Rui Wang	INFN, Catania	Light-nuclei production in intermediate-energy heavy-ion collisions
9:25-9:50	Yingxun Zhang	CIAE	Probing the nucleon effective mass with HICs
9:50-10:15	Akira Ono	Tohoku University	Cluster and pion production with collision terms under momentum-dependent mean fields
Coffee Break			
Session 2: GeV Exp(Chair: Fei Gao(Beijing Institute of Technology))			
10:40-11:05	Shusu Shi	CCNU	Recent Results of Collective Flow in STAR BESII
11:05-11:30	Baohua Sun	BUAA	Charge changing reactions of exotic nuclei on various targets
11:30-11:55	Xu Sun	IMP	Spin Polarization in Heavy Ion Collisions
11:55-12:20	Xionghong He	IMP	Light nuclei collectivity in heavy-ion collisions at high baryon density
Lunch (New Physics Building)			
Session 3: Structure(Chair: Zhihong Ye)			
13:30-13:55	Anna Zdeb	University of Marie Curie Sklodowska	Pairing in fission
13:55-14:20			TBA
14:20-14:45	Junchen Pei	Peking University	Implications of neutron skin measurements on neutron stars
14:45-15:10	Michal Warda	University of Maria Curie Sklodowska	Cluster radioactivity in heavy and super-heavy nuclei
Coffee Break			
Session 4: SRC/Low Energy Domain(Chair: Li Ou)			
15:50-16:15	Zhihong Ye	Tsinghua University	SRC Study with inverse-kinematic pA collision
16:15-16:40	Fabian Rennecke	Giessen University	Mixing, moats and modulations in dense QCD matter
16:40-17:05	Yaping Wang	CCNU	Recent experiment results of strangeness production in heavy-ion collisions at high baryon density
17:05-17:30	Yijie Wang	Tsinghua University	Fermi energy heavy-ion reaction studies with the compact spectrometer for heavy-ion experiment (CSHINE)
Dinner (New Physics Building)			

## Data: 16-Jul

Session 1: Structure(Chair: Pengfei Zhuang)			
8:30-9:00	Pengwei Zhao	Peking University	Nuclear structure and dynamics within Lattice Relativistic Density Functional Theory
9:00-9:25	Huichao Song	Peking University	Probing nuclear structure with relativistic heavy ion collisions
9:25-9:50	Hanlin Li	Wuhan Univ. of Science and Technology	Probing the Neutron Skin with Ultrarelativistic Isobaric Collisions
9:50-10:15	Hao-jie Xu	Huzhou University	Importance of fine nuclear structure in relativistic heavy ion collisions
Coffee Break			
Session 2: EOS/HIC(Chair: Shuzhe Shi)			
10:40-11:05	Nai-Bo Zhang	SouthEast University	Properties of dense matter in neutron stars or hybrid stars from inverting astrophysical observations
11:05-11:30	Pengcheng Li	Huzhou University	Two-pion HBT correlation in heavy-ion collisions at intermediate energies
11:30-11:55	Gaochan Yong	IMP	Constraining the Phase Transition and Hyperon Potential in Dense Matter Using Heavy Ion Collisions
11:55-12:20	Jianing Li	CCNU	Rapidity scan approach for net-baryon cumulants with a statistical thermal model
Lunch (New Physics Building)			