

# International Workshop on Partonic and Hadronic Transport Approaches for Relativistic Heavy Ion Collisions

Program (May11-12, 2019)

**Friday, May 10, 2019**

09:00-20:00	Registration	
18:00	DINNER	

**Saturday, May 11, 2019**

Session 1 (chair:) Yu-Gang Ma (Fudan University)

09:00-09:10	Chang-shui Yu (Vice dean of the school of physics, DUT)	Opening and welcome
09:10-09:45	Che Ming Ko (Texas A&M University)	50 years scientific career and AMPT history
09:45-10:10	Su Hounq Lee (Yonsei University)	Hadrons in medium
10:10-10:35	Lie-Wen Chen (Shanghai Jiao Tong University)	Probing QCD Phase Diagram from Coalescence Production of Light Nuclei in Heavy-Ion Collisions
10:35-11:00	WORKSHOP PHOTO & COFFEE BREAK	

Session 2 (chair:) Qun Wang (University of Science and Technology of China)

11:00-11:25	Denes Molnar (Purdue University)	Large $v_2$ with small cross section
11:25-11:50	Han-Lin Li (Wuhan University of Science and Technology)	Multi-phase transport model predictions of isobaric collisions with nuclear structures from density functional theory
11:50-12:15	Zhi-Hui Guo (Hebei Normal University)	Thermal behaviors of light-flavor mesons at low temperatures
12:20	LUNCH	

Session 3 (chair:) Yongseok Oh (Kyungpook National University)

14:30-14:55	Zhe Xu (Tsinghua University)	Hadronization of QGP during the first-order phase transition
14:55-15:20	Chao Zhang (Central China Normal University)	Update of a Multi-Phase Transport Model with Modern Parton Distribution Functions and Nuclear Shadowing
15:20-15:45	Liang Zheng (China University of Geosciences)	Improvement for the open charm production in a multi-phase transport model
15:45-16:05	COFFEE BREAK	

Session 4 (chair:) Jianxin Lu (University of Science and Technology of China)

16:05-16:30	Hui-Chao Song (Peking University)	Dynamical models for relativistic heavy ion collisions
16:30-16:55	Koichi Murase (Sophia University)	Hydrodynamic fluctuations in integrated dynamical model
16:55-17:20	Wei-Ning Zhang (Dalian University of Technology)	Multi-pion BE correlations for the granular source with coherent pion-emission droplets

17:20-17:45	Wenbin Zhao (Peking University)	Hydrodynamic collectivity proton + proton collisions at 13 TeV
18:00	BANQUET	

## Sunday, May12, 2019

Session 5 (chair:) Benhao Sa (China Institute of Atomic Energy)

09:00-09:25	Pengfei Zhuang (Tsinghua University)	Spin in kinetic theory
09:25-09:50	Guo-Liang Ma (Fudan University)	Simulating chiral anomalous effects with AMPT
09:50-10:15	Xu-Guang Huang (Fudan University)	Partonic model simulations of vorticity and spin polarization in heavy-ion collisions
10:15-10:35	COFFEE BREAK	

Session 6 (chair:) Ben-Wei Zhang (Central China Normal University)

10:35-11:00	Jiangyong Jia (Stony Brook University and BNL)	Flow and centrality fluctuations in PbPb collisions
11:00-11:25	Heng-Tong Ding (Central China Normal University)	Chiral crossover and phase transition in (2+1)-flavor QCD
11:25-11:50	Xiaofeng Luo (Central China Normal University)	Search for the QCD critical point in the Beam Energy Scan at RHIC: Status and Prospect
11:50-12:15	Jun Xu (Shanghai Advanced Research Institute, CAS)	Transport simulations of intermediate-energy heavy-ion collisions

12:20	LUNCH	
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Session 7 (chair:) Jingbo Zhang (Harbin Institute of Technology)

14:30-14:55	Yasushi Nara (Akita International University)	Hydrodynamic quantum molecular dynamics approach in JAM
14:55-15:20	Liuyao Zhang (Shanghai institute of Applied physics)	Two-particle angular correlations in heavy ion collisions from a multiphase transport
15:20-15:45	Hang Yang (Harbin Institute of Technology)	The effect of single particle momentum-space correlation in two-pion HBT analysis
15:45-16:10	Baoshan Xi (Shanghai Institute of Applied Physics)	Exploring anti-Li4 by momentum correlation function of anti-p and anti-He3
16:10-16:25	COFFEE BREAK	

Session 8 (chair:) Wei-Ning Zhang (Dalian University of Technology)

16:25-16:50	Wei-jie Fu (Dalian University of Technology)	QCD phase structure within FRG and AMPT
16:50-17:25	Zi-Wei Lin (East Carolina University)	Summary of recent AMPT developments and future directions
17:25-18:10	DISCUSSIONS	
18:10	DINNER	