

Workshop on AMPT for Relativistic Heavy Ion Collisions (AMPT2017)

Conference Guide

July 24-27, 2017

Department of Physics, Sichuan University

Chengdu, China

Calendar of Sessions

DATE	TIME	SESSION
DAY 1, July 24	14:00-18:00	Registration
	18:00-20:00	Dinner
DAY 2, July 25	8:30-8:45	Opening
	8:45-12:00	Talks
	12:00-14:00	Lunch
	14:00-18:00	Talks
	18:30-20:00	Dinner
DAY 3, July 26	8:30-12:00	Talks
	12:00-14:00	Lunch
	14:00-18:00	Talks
	18:30-20:30	Banquet
DAY 4, July 27	8:30-11:50	Talk & Discussions
	11:50-12:00	Closing Remarks
	12:00-14:00	Adjourn & Lunch

AMPT2017 July 24 (Day 1)

Registration (14:00-18:00)

1st floor, Kehuayuan Hotel / 科华苑宾馆大厅

Dinner (18:00-20:00)

1st floor Dining Hall, Kehuayuan Hotel/科华苑宾馆一楼餐厅

AMPT2017 July 25 (Day 2)

Kehuayuan Hotel

Morning 1: Opening (Chair: Zi-Wei Lin)		
8:30-8:45	Welcome address	Hong Zhang (Head of College of Physical Science and Technology, SCU)
8:45-9:15	Reflections on AMPT	Che-Ming Ko (TAMU/SCU)
9:15-9:45	Squeezed back-to-back correlations of $\varphi\varphi$ in Au+Au and d+Au collisions at the RHIC energies	Wei-Ning Zhang (DLUT)
9:45-10:00	Workshop photo	
10:00-10:30	Coffee break	
Morning 2 (Chair: Fuqiang Wang)		
10:30-11:00	Vorticity in high energy heavy-ion collisions	De-Xian Wei (Fudan)
11:00-11:30	Transport model studies of polarization	Shusu Shi (CCNU)
11:30-12:00	Global lambda polarization in heavy-ion collisions	Hui Li (USTC)
12:00-14:00	Lunch (1 st floor Dining Hall/一楼餐厅)	
Afternoon 1 (Chair: Peter Levai)		
14:00-14:30	Collective flow in 2.76 and 5.02 A TeV Pb+Pb collisions	Wenbin Zhao (PKU)
14:30-15:00	Charm v_2 is more hydrodynamic than light quark v_2	Hanlin Li (WUST)
15:00-15:30	Investigating the NCQ scaling of elliptical flow at LHC with a multiphase transport model	Liang Zheng (CCNU)
15:30-16:00	Coffee break	
Afternoon 2 (Chair: Lie-Wen Chen)		
16:00-16:30	Recent progress in coalescence models	Peter Levai (Wigner Inst)
16:30-17:00	Equal-time Transport in Electromagnetic Field	Pengfei Zhuang (Tsinghua)
17:00-17:30	Heavy and light flavor jet quenching at RHIC and the LHC energies	Guang-You Qin (CCNU)
17:30-18:00	Flow fluctuations and longitudinal dynamics	Jiangyong Jia (Stony Brook Univ.)
18:00-18:30	Break	
18:30-20:00	Dinner (1 st floor Dining Hall/一楼餐厅)	

AMPT2017 July 26 (Day 3)

Kehuayuan Hotel

Morning 1 (Chair: Jun Xu)		
8:30-9:00	Light nuclei production in relativistic heavy-ion collisions and QCD critical fluctuations	Lie-Wen Chen (SJTU)
9:00-9:30	Scaling properties of multiplicity fluctuations in heavy-ion collisions simulated by AMPT model	Gang Chen (CUG)
9:30-10:00	Light nuclei production at LHC from AMPT	Lilin Zhu (SCU)
10:00-10:30	Coffee break	
Morning 2 (Chair: Qun Wang)		
10:30-11:00	Studying the CME with the AMPT model	Guo-Liang Ma (SINAP)
11:00-11:30	Electromagnetic fields in small systems from AMPT	Xin-Li Zhao (SINAP)
11:30-12:00	Coherent production in hadronic heavy-ion collisions	Wang-Mei Zha (USTC)
12:00-14:00	Lunch (1 st floor Dining Hall/一楼餐厅)	
Afternoon 1 (Chair: Pengfei Zhuang)		
14:00-14:30	A cold-atom experiment	Fuqiang Wang (ZHU)
14:30-15:00	Overall momentum balance and redistribution of the lost energy in asymmetric dijet events from a multi-phase transport model	Ao Luo (CCNU)
15:00-15:30	Fluctuations of conserved quantities in heavy-ion collisions and QCD critical point	Xiao-Feng Luo (CCNU)
15:30-16:00	Coffee break	
Afternoon 2 (Chair: Shunjin Wang)		
16:00-16:30	An extended AMPT model with mean-field potentials	Jun Xu (SINAP)
16:30-17:00	Inclusion of up-to-date parton distribution function and nuclear shadowing in the AMPT model	Chao Zhang (CCNU)
17:00-17:30	Elliptic flow splitting between particles and their antiparticles in Au+Au collisions from AMPT	Zhenyu Xu (Harbin Institute of Technology)
17:30-18:00	Baryon spectra and antiparticle/particle ratios from AMPT with an improved quark coalescence	Yuncun He (Hubei Univ.)
18:00-18:30	Break	
18:30-20:30	Banquet (1 st floor Dining Hall/一楼餐厅)	

AMPT2017 July 27 (Day 4)

Kehuayuan Hotel

Morning 1 (Chair: Che-Ming Ko)		
8:30-9:00	Current and future directions to improve AMPT	Zi-Wei Lin (ECU/CCNU)
9:00-10:00	Discussions on future directions to improve and apply AMPT	
10:00-10:30	Coffee break	
Morning 2 (Chair: Guo-Liang Ma)		
10:30-11:50	Discussions on future collaborations to improve and apply AMPT	
11:50-12:00	Closing remarks	
12:00-14:00	Adjourn & Lunch <i>(1st floor Dining Hall/一楼餐厅)</i>	