

Workshop on AMPT for Relativistic Heavy Ion Collisions

Monday 24 July 2017 - Thursday 27 July 2017

Chengdu

Program (including all talks in PDF)

Here is the PDF file of the complete workshop program.

Here is the workshop photo.

Click on talk title below to view talk in PDF.

Calendar of Sessions

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 / □□□□□□

Dinner (18:00-20:00)

1st floor Dining Hall, Kehuayuan Hotel/□□□□□□□□

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 $\phi\phi$ 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

(1st floor Dining Hall/□□□□)

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

(1st floor Dining Hall/□□□□)

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
(1st floor Dining Hall/□□□□)

Afternoon 1 (Chair: Pengfei Zhuang)

14:00-14:30
A cold-atom experiment
Fuqiang Wang
(ZJHU)

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
(1st floor Dining Hall/□□□□)

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

(1st floor Dining Hall/□□□□)