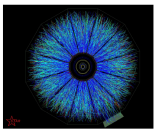
Workshop on QCD Thermodynamics in High-Energy Collisions 2015

July 27 - 31, 2015
College of Physical Science and Technology
Central China Normal University, Wuhan
https://indico.cern.ch/event/404903



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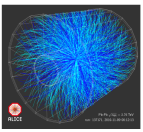

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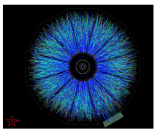
Invited Lecturers:

- **Peter Braun-Munzinger** (EMMI, GSI)
- **Johanna Stachel** (Heidelberg University)
- **Krzysztof Redlich** (University of Wroclaw)
- **Pengfei Zhuang** (Tsinghua University)

Venue:

- Room 409, Building 9 of CCNU (Workshop venue)
- Guiyuan Hotel of CCNU (Accommodation)

152 Luoyu Road, Hongshan District, Wuhan 430079, Hubei, China



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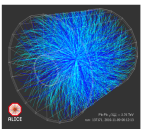


Monday, 27 July 2015

11:00-12:30 ***GUI Zhiting Chair Professorship Ceremony***
[AD-Building Meeting Room]

Scientific Program

[9409 Conference Room]

14:20-14:30 Nu Xu (CCNU/LBL)
"Welcome"

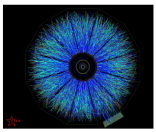
14:30-16:00 Peter Braun-Munzinger (EMMI, GSI)
Lecture I: *"Quarkonia Productions"*

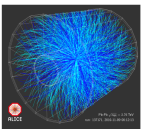
16:00-16:30 ***Coffee Break***

16:30-17:00 Nirupam Dutta (IOP)
"Can Heavy Quarkonia be Used as a Thermometer for QGP"

17:00-17:30 Zebo Tang (USTC)
"Recent Quakonia Measurements at STAR"

18:00-20:00 ***Reception***
Guiyuan Hotel of CCNU





Tuesday, 28 July 2015

Chair: Daicui Zhou(CCNU)

09:30-11:00 Johanna Stachel (Heidelberg University)
Lecture I*: "Hadron Production in High-Energy Nuclear Collisions"*

11:00-11:20 ***Coffee Break***

11:20-12:50 Krzysztof Redlich (University of Wroclaw)
Lecture I: *"Basics on the QCD Thermal Dynamics"*

12:50-14:30 ***Lunch Break***

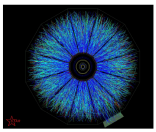
14:30-15:15 Yifei Zhang (USTC)
"Recent Open Heavy Flavor Production at STAR"

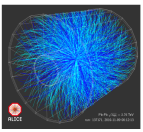
15:15-16:00 Michael Winn (Heidelberg University)
"Quarkonia Measurements in p+Pb Collisions at ALICE"

16:00-16:30 ***Coffee Break***

16:30-17:00 Zhongbao Yin (CCNU)
"Production of Strange Hadrons in pp, p+Pb and Pb+Pb Collisions Measured with ALICE"

17:00-17:30 **Discussions**





Wednesday, 29 July 2015

Chair: Feng Liu (CCNU)

09:30-11:00 Peter Braun-Munzinger (Heidelberg University)
Lecture II: *"The ALICE TPC, Tracking and Particle ID at High Rates and for Ultra-High Multiplicities"*

11:00-11:20 ***Coffee Break***

11:20-12:50 Pengfei Zhuang (Tsinghua University)
Lecture I: *"Isospin Matter"*

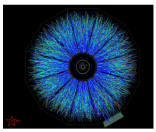
12:50-14:30 ***Lunch Break***

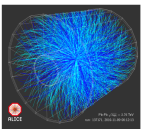
14:30-15:15 Yaping Wang (CCNU)
"ITS Upgrade at ALICE"

15:15-16:00 Zhengyu Chen (Tsinghua University)
"Thermal Production of Charms and Charmonia in QGP"

16:00-16:30 ***Coffee Break***

16:30-17:30 **Discussions**





Thursday, 30 July 2015

Chair: Guangyou Qin (CCNU)

09:30-11:00 Krzysztof Redlich (University of Wroclaw)
Lecture II: *"on QCD Criticality"*

11:00-11:20 ***Coffee Break***

11:20-12:50 Johanna Stachel (Heidelberg University)
Lecture II: *"Charm Production at LHC"*

12:50-14:30 ***Lunch Break***

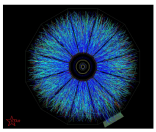
14:30-15:15 Lijia Jiang (Peking University)
"Cumulants from a Hydrodynamics Calculations"

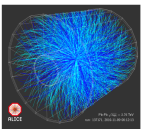
15:15-16:00 Shusu Shi (CCNU)
"Collectivity in High-Energy Nuclear Collisions at RHIC and LHC"

16:00-16:30 ***Coffee Break***

16:30-17:30 **Discussions**

17:30-20:00 **Workshop Dinner**
TBD

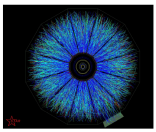




Friday, 31 July 2015

Chair: Heng-Tong Ding (CCNU)

09:00-10:30	Pengfei Zhuang (Tsinghua University) **Lecture II: *"Quakonia Productions and Its Applications in High-Energy Collisions"***
10:30-11:00	***Coffee Break***
11:00-11:30	Shuang Li (CCNU) ***"Open Heavy-Flavour Measurements with ALICE at LHC"***
11:30-12:30	**Discussions**
12:30	**End of the Workshop**



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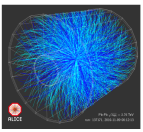
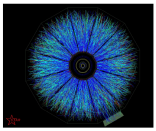
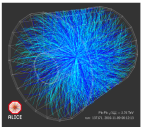


Timetable

	Monday July 27	Tuesday July 28	Wednesday July 29	Thursday July 30	Friday July 31
9:30 – 11:00		**JS (I)**	**PBM (II)**	**KR(II)**	**PFZ(II)**
11:00 – 11:20	Tea Break				
11:20 – 12:50	**PBM event, by invitation**	**KR (I)**	**PFZ (I)**	**JS(II)**	**Discussions**
12:30 – 14:30	Lunch Break				
14:30 – 16:00	**PBM (I)**	**Discussions**	**Discussions**	**Discussions**	
16:00 – 17:30	**Discussions**				
17:30 – 20:00	Reception			Workshop dinner	





Translation Card

1. Please drive me to Guiyuan Hotel of Central China Normal University.

Emergency contact:

Dr. Yaping Wang: 86 13697332703 (cell) , 86 27 67866741 (office)

请送我去华中师范大学桂苑宾馆。

紧急联系人：王亚平 13697332703(手机) , 86 27 67866741 (办公室)

2. Please drive me to Optics Valley Kingdom Plaza Hotel Wuhan.

Emergency contact:

Dr. Yaping Wang: 86 13697332703 (cell) , 86 27 67866741 (office)

请送我去武汉光谷金盾大酒店。

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3. Please drive me to Building 9 of Central China Normal University.

Emergency contact:

Dr. Yaping Wang: 86 13697332703 (cell) , 86 27 67866741 (office)

请送我去华中师范大学 9 号楼(理科楼)。

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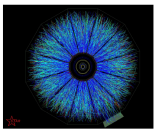
Important Phone Number

- Emergency (medical): 119
- Police: 110
- Local Organization Committee: 86-13697332703 (Cell), 86-27-67866741 (Office) Dr. Yaping Wang

Notes



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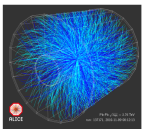

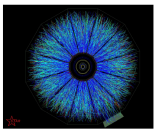

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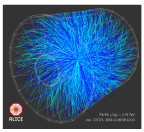

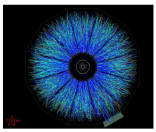

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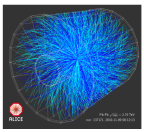

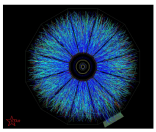

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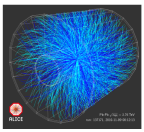

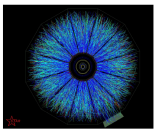

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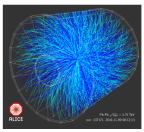

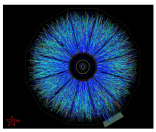

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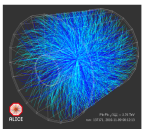

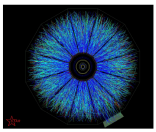

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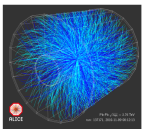

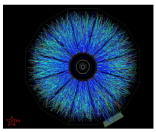

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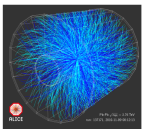

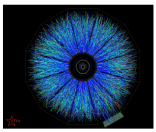

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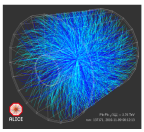

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