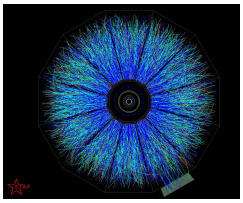


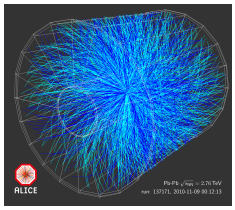
Workshop on QCD Thermodynamics

in High-Energy Collisions

July 27 - 31, 2015

College of Physical Science and Technology

Central China Normal University (CCNU), Wuhan, China



Monday, July 27, 2015

11:00 – 12:30 ***Gui ZhiTing Chair Professorship Ceremony***

[AD-building meeting room]

Scientific Program

[9 - 409 Conference Room]

14:20 – 14:30 Welcome (Nu Xu)

14:30 – 16:00 Peter Braun-Munzinger (EMMI, GSI)

Lecture I: ***"Quarkonia Productions"***

16:00 – 16:30 ***Coffee Break***

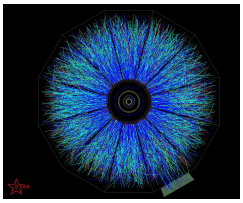
16:30 – 17:00 Nirupam Dutta (IOP)

"Can Heavy Quarkonia be Used as a Thermometer for QGP?"

17:00 – 17:30 Zebo Tang (USTC)

"Recent Quarkonia Measurements at STAR"

18:00 – 20:00 ***Reception*** (GuiYuan)



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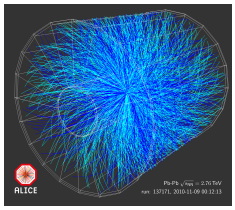
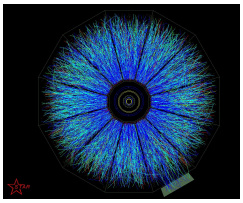


Tuesday, July 28, 2015

Chair:	*Daicui Zhou*
9:30 – 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 Thermodynamics"***
12:50 - 14:30	***Lunch Break***
14:30 – 15:15	Yifei Zhang (USTC)
	"Recent Open Heavy Flavor Production at STAR"
15:15 – 16:00	Micheal 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**



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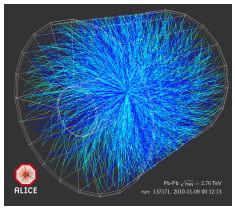
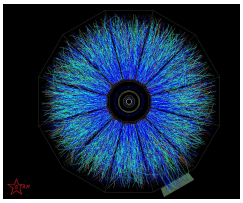


Wednesday, July 29, 2015

Chair:	*Feng Liu*
9:30 – 11:00	Peter Braun-Munzinger (EMMI, GSI)
	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**



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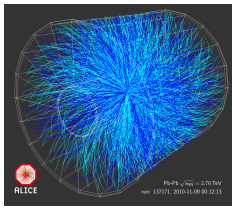
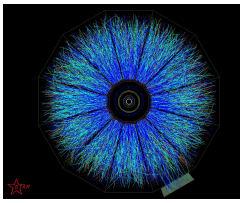


Thursday, July 30, 2015

Chair:	*Guangyu Qin*
9:30 – 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 (PKU)
	"Cumulants from a Hydrodynamic 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)



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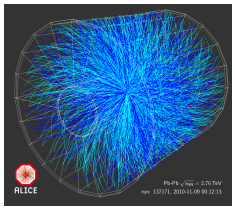

Friday, July 31, 2015

Chair: *Heng-Tong Ding*

9:00 – 10:30 Pengfei Zhuang (Tsinghua University)

Lecture II: *"Quarkonia 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 the LHC"

11:30 – 12:30 **Discussions**

12:30 **End of the Workshop**

Program:

	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	