

5th ALICE ITS Upgrade, MFT and O² Asian Workshop 2015



ALICE

June 7 - 9, 2015
College of Physical Science and Technology
Central China Normal University, Wuhan
<https://indico.cern.ch/event/381564>



**5th ALICE ITS Upgrade, MFT and O²
Asian Workshop 2015 @ Wuhan**

7 – 9th June 2015
Central China Normal University, Wuhan, China



Scientific Program ----- 1

Note ----- 7

Organizing Committee:

- Paolo Bartalini (CCNU, China)
- Xiaomei Li (CIAE, China)
- Gines Martinez (Subatech, France)
- Luciano Musa (CERN, Switzerland)
- Xiangming Sun (CCNU, China)
- Pierre Vande Vyvre (CERN, Switzerland)
- Yaping Wang (CCNU, China)
- Nu Xu (CCNU, China)
- Zhongbao Yin (CCNU, China)
- Daicui Zhou (CCNU, China)

Venue:

- Room 301, Science Auditorium of CCNU
(Workshop venue)
- Guiyuan Hotel of CCNU (Accommodation)
*152 Luoyu Road, Hongshan District, Wuhan
430079, Hubei, China*

Important Phone Number:

- Emergency (medical): 119
- Police: 110
- Workshop Secretary: 86-15527890078 (Cell),
86-27-67867963 (Office) Ms. Ya Ma



Scientific Program

Sunday, 7 June 2015

08:30-08:45 VIP (CCNU)
Welcome Address

08:45-09:00 Group Photo (All)
Entrance of Science Auditorium

ITS-MFT Session: Session I (09:00-10:10)

09:00-09:30 Luciano Musa (CERN)
“ITS Status and Plans”

09:30-09:55 Gines Martinez-Garcia (SUBATECH)
“MFT Status and Plans”

09:55-10:10 Daicui Zhou (CCNU)
“Overview of Activities in China”

10:10-10:30 **Coffee Break**

ITS-MFT Session: Session II (10:30-12:15)

10:30-10:50 In-Kwon Yoo (PNU)
“Overview of activities in Korea”
[Vidyo]

10:50-11:10 Chinorat Kobdaj (SUT)
*“Overview of Activities in Thailand -
Detector Simulaitons”*

11:10-11:30 Ping Yang (CCNU)
“ALPIDE Design”

11:30-11:55 Magnus Mager (CERN)
“Sensor Characterization”

11:55-12:15 Kyungeon Choi (PNU)
“Explorer Characterization (Pusan)”
[Vidyo]

12:15-13:30 **Lunch**



ITS-MFT Session: Session III (13:30-15:00)

- 13:30-13:50 Jongsik Eum (PNU)
“ALPIDE Characterization” [Vidyo]
- 13:50-14:10 Jonghan Park (Inha University)
*“Sensor Characteization at Inha”
[Vidyo]*
- 14:10-14:30 Narong Chanlek (SUT)
“Sensor Characteization at SLRI”
- 14:30-15:00 All
“Discussion on Sensor Characterization”
- 15:00-15:20 **Coffee Break**

ITS-MFT Session: Session IV (15:20-17:25)

- 15:20-15:45 Petra Riedler (CERN)
*“Sensor Post-processing, Mass-test and
Interconnecitons”*
- 15:45-16:10 Wutthinan Jeamsaksiri ()
*“Sensor QA and Cooling Microchannel
Fabrication”*
- 16:10-16:35 Youngil Kwon (Yonsei University)
“Sensor Mass-test at Yonsei” [Vidyo]
- 16:35-16:55 Adi Nurhadiyanta ()
“Sensor QA - Visual Inspection”
- 16:55-17:25 All
*“Discussion on sensor QA and Mass-
Test”*
- 18:00-20:00 **Reception**
Guiyuan Hotel of CCNU



Monday, 8 June 2015

ITS-MFT Session: Session V (08:15-09:45)

- 08:15-08:40 Antonello Di Mauro (CERN)
“Module Assembly Machine”
- 08:40-09:05 Vito Manzari (INFN - Bari & CERN)
“ITS OB Module Assembly”
- 09:05-09:25 Gines Martinez-Garcia (LPSC)
“MFT Ladder Assembly”
- 09:25-09:45 Yaping Wang (CCNU)
“Module Assembly at Wuhan”
- 09:45-10:05 **Coffee Break**

ITS-MFT Session: Session VI (10:05-12:40)

- 10:05-10:25 Bong-Hwi Lim (PNU)
“Module Assembly at Pusan” [Vidyo]
- 10:25-10:45 Xiangming Sun (CCNU)
“Proposal for Automatized Soldering Ball Placement”
- 10:45-11:15 All
“Discussion on Module Assembly”
- 11:15-11:30 Cyrille Guerin (UCB-Lyon I)
“Common ITS/MFT Readout electronics”
- 11:30-11:50 Arshad Saleem Bhatti (COMSATS)
“Overview of Activites at COMSATS”
- 11:50-12:10 Jibrán Ahmed Abbasi (COMSATS)
“Development of IB-OB Emulator”
- 12:10-12:25 Rardchawadee Silapunt (KMUTT)
“KMUTT Plans for ITS/MFT RO”
- 12:25-12:40 All
“Discussion on RO Electronics”
- 12:40-14:00 **Lunch**



O² Session: Session I (14:00-16:00)

- 14:00-14:40 Pierre Vande Vyvre (CERN)
“O² Project Status”
- 14:40-15:00 Rifki Sadikin (IIS)
“Network simulations”
- 15:00-15:20 Filippo Costa (CERN)
“Architecture of the CRU firmware and FLP readout software”
- 15:20-15:40 Nova Hadi Lestriandoko (IIS)
“LIPI's contribution in TPC”
- 15:40-16:00 Barthelemy Von Haller (CERN)
“Quality Control”
- 16:00-16:30 **Coffee Break**

O² Session: Session II (16:30-17:50)

- 16:30-16:50 Xiaofei Yan (IHEP)
“The Status of BEIJING-LCG2 T2”
- 16:50-17:10 Jianlin Zhu (CCNU)
“Computing Grid at CCNU Status”
- 17:10-17:30 Ji Hoon Kang (KISTI)
“Experience on Parallel Computing on Multi-core Architecture” [Vidyo]
- 17:30-17:50 Peter Chochula (CERN)
“DCS for Run 3 – ITS DCS”
- 18:00-20:00 **Banquet**
Taizi Restaurant



Tuesday, 9 June 2015

O² Session: Session III (09:00-10:20)

- 09:00-09:20 Tiranee Achalakul (KMUTT)
“White Rabbit: The Voluntary Mobile Computing Platform for ALICE”
- 09:20-09:40 Barthelemy Von Haller (CERN)
“Tools and software process for the FLP prototype”
- 09:40-10:00 Filippo Costa (CERN)
“FLP dataflow – FLP prototype”
- 10:00-10:20 Boonyarit Changaival (SUT)
“Comparison of hardware accelerators for ITS Cluster Finder and TPC Loopers Removal”
- 10:20-10:50 **Coffee Break**

O² Session: Session IV (10:50-12:00)

- 10:50-12:00 All
“General Discussion and O2 Workshop Wrap-up”
- 12:40-14:00 **Lunch**
- 14:00-18:00 **Half-day City Tour**
Bus will be available at entrance of Guiyuan Hotel at 14:00.



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中华人民共和国教育部
Ministry of Education of the People's Republic of China



中华人民共和国科学技术部
The Ministry of Science and Technology of the People's Republic of China



**Institute of Particle Physics
College of Physical Science and Technology
Central China Normal University, Wuhan**

**Key Laboratory of Quark and Lepton Physics (CCNU)
Ministry of Education, China**