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

Scientific Program ---------- 1

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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

08:30-08:40 Nu Xu (CCNU)
Welcome Address

08:40-08:50 Luciano Musa (CERN)
Welcome Address

08:50-09:00 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 Activties 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 (TMEC) ***"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 (IIS) ***"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 (IPNL/IN2P3/CNRS)
"Common ITS/MFT Readout electronics"

11:30-11:50 Arshad Saleem Bhatti (COMSATS)
"Overview of Activites at COMSATS"

11:50-12:10 Jibran 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.

Translation Card

ITS-MFT-O^2_Workshop -- Driving Directions

(宾馆/会场路线指南)

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

Emergency contact：

Ya Ma：86 15527890078 (cell) , 86 27 67867963 (office)

请送我去华中师范大学桂苑宾馆。

紧急联系人：马亚 15527890078(手机) , 86 27 67867963 (办公室)

2. Please drive me to Science Hall of Central China Normal University.

Emergency contact：

Ya Ma：86 15527890078 (cell) , 86 27 67867963 (office)

请送我去华中师范大学科学会堂。

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Notes

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Central China Normal University, Wuhan, 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