5th ALICE ITS Upgrade, MFT and O^2 Asian Workshop 2015

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

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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

Welcome (08:30-08:40)
Convener: Daicui Zhou (CCNU)

08:30-08:35 Nu Xu (CCNU)
Welcome on Behalf of College of Physical Science and Technology/CCNU

08:35-08:40 Luciano Musa (CERN)
Welcome on Behalf of ALICE

ITS-MFT Session: Session I (08:40-09:55)
Convener: Zhongbao Yin (CCNU)

08:40-09:15 Luciano Musa (CERN)
"ITS Status and Plans"

09:15-09:40 Gines Martinez-Garcia (SUBATECH)
"MFT Status and Plans"

09:40-09:55 Daicui Zhou
"Overview of Activities in China"

09:55-10:15 **Coffee Break**

ITS-MFT Session: Session II (10:15-12:00)
Convener: Jin Li (IHEP)

10:15-10:35 In-Kwon Yoo (PNU)
"Overview of activities in Korea"

10:35-10:55 Chinorat Kobdaj (SUT)
"Overview of Activties in Thailand - Detector Simulaitons"

10:55-11:15 Ping Yang (CCNU)
"ALPIDE Design"

11:15-11:40 Magnus Mager (CERN)
"Sensor Characterization"

11:40-12:00 Kyungeon Choi (PNU)
"Explorer Characterization (Pusan)"

12:00-14:00 **Lunch**

ITS-MFT Session: Session III (14:00-15:30)
Convener: Arshad Saleem Bhatti (COMSATS)

14:00-14:20 Jongsik Eum (PNU)
"ALPIDE Characterization"

14:20-14:40 Jonghan Park (Inha University)
"Sensor Characteization at Inha"

14:40-15:00 Narong Chanlek (SUT)
"Sensor Characteization at SLRI"

15:00-15:30 All
"Discussion on Sensor Characterization"

15:30-15:50 **Coffee Break**

ITS-MFT Session: Session IV (15:50-17:55)
Convener: Chinorat Kobdaj (SUT)

15:50-16:15 Petra Riedler (CERN)
"Sensor Post-processing, Mass-test and Interconnecitons"

16:15-16:40 Wutthinan Jeamsaksiri (TMEC)
"Sensor QA and Cooling Microchannel Fabrication"

16:40-17:05 Youngil Kwon (Yonsei University)
"Sensor Mass-test at Yonsei"

17:05-17:25 Adi Nurhadiyanta (IIS)
"Sensor QA - Visual Inspection"

17:25-17:55 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)
Convener: Xiangming Sun (CCNU)

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)
Convener: Gines Martinez-Garcia (LPSC), Luciano Musa (CERN)

10:05-10:25 Bong-Hwi Lim (PNU)
"Module Assembly at Pusan"

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"

12:10-12:40 All
"General Discussion and Wrap-up"

12:40-14:00 **Lunch**

O² Session: Session I (14:00-16:00)
Convener: Tiranee Achalakul (KMUTT)

14:00-14:40 Pierre Vande Vyvre (CERN)
"Welcome and 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)
Convener: Nova Hadi Lestriandoko (IIS)

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"

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)
Conveners: Xiaofei Yan (IHEP), Yaping Wang (CCNU)

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)
Conveners: Pierre Vande Vyvre (CERN)

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

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