

12th ALICE ITS upgrade, MFT and O2 Asian Workshop

Report of Contributions

Contribution ID: **60**

Type: **not specified**

Welcome address

Monday 19 November 2018 10:00 (10 minutes)

Presenter: Prof. HYEWOOK (VICE PRESIDENT), Won

Session Classification: Session 1 - General

Contribution ID: **61**

Type: **not specified**

Official opening of the workshop

Monday 19 November 2018 10:10 (15 minutes)

Author: YOON, Jin Hee (Inha University (KR))

Presenter: YOON, Jin Hee (Inha University (KR))

Session Classification: Session 1 - General

Contribution ID: **62**

Type: **not specified**

Programme Overview

Monday 19 November 2018 10:25 (10 minutes)

Author: MUSA, Luciano (CERN)

Presenter: MUSA, Luciano (CERN)

Session Classification: Session 1 - General

Contribution ID: **63**

Type: **not specified**

ITS Project status

Monday 19 November 2018 10:35 (35 minutes)

Author: MUSA, Luciano (CERN)

Presenter: MUSA, Luciano (CERN)

Session Classification: Session 1 - General

Contribution ID: **64**

Type: **not specified**

MFT Project status

Monday 19 November 2018 11:10 (35 minutes)

Author: TIEULENT, Raphael (IPN-Lyon, CNRS/IN2P3, Université de Lyon)

Presenter: TIEULENT, Raphael (IPN-Lyon, CNRS/IN2P3, Université de Lyon)

Session Classification: Session 1 - General

Contribution ID: 65

Type: **not specified**

O2 Project status

Author: VANDE VYVRE, Pierre (CERN)

Presenter: VANDE VYVRE, Pierre (CERN)

Session Classification: Session 1 - General

Contribution ID: **66**

Type: **not specified**

Pixel Chip Production and Series Test

Author: MAGER, Magnus (CERN)

Presenter: MAGER, Magnus (CERN)

Session Classification: Session 2 - ITS and MFT

Contribution ID: 67

Type: **not specified**

Pixel Chip Series Test - Yonsei

Monday 19 November 2018 13:30 (25 minutes)

Author: KWON, Youngil (Yonsei University (KR))

Presenter: KIM, Taejun (Yonsei University (KR))

Session Classification: Session 2 - ITS and MFT

Contribution ID: **68**

Type: **not specified**

Update on activities at SUT and SLRI

Monday 19 November 2018 13:55 (25 minutes)

Author: POONSAWAT, Wanchaloem (Suranaree University of Technology (1), Rajamangala University of Technology Isan (2))

Co-author: LAOJAMNONGWONG, Natthawut (Suranaree University of Technology (TH))

Presenters: LAOJAMNONGWONG, Natthawut (Suranaree University of Technology (TH)); POONSAWAT, Wanchaloem (Suranaree University of Technology (1), Rajamangala University of Technology Isan (2))

Session Classification: Session 2 - ITS and MFT

Contribution ID: **69**

Type: **not specified**

MFT Ladder Assembly Status

Monday 19 November 2018 14:20 (25 minutes)

Author: Mr VUILLEMIN, Cyrille (Université Paris-Saclay (FR))

Presenter: Mr VUILLEMIN, Cyrille (Université Paris-Saclay (FR))

Session Classification: Session 2 - ITS and MFT

Contribution ID: 70

Type: **not specified**

MFT Disk/cone production and survey procedure

Monday 19 November 2018 14:45 (25 minutes)

Author: BOUVIER, Stephane (Centre National de la Recherche Scientifique (FR))

Presenter: BOUVIER, Stephane (Centre National de la Recherche Scientifique (FR))

Session Classification: Session 2 - ITS and MFT

Contribution ID: 71

Type: **not specified**

ITS OB HIC Production - Status & Plans

Monday 19 November 2018 15:40 (25 minutes)

Author: MANZARI, Vito (INFN - Bari)

Presenter: MANZARI, Vito (INFN - Bari)

Session Classification: Session 3 - ITS and MFT

Contribution ID: 72

Type: **not specified**

ITS OB HIC Production Test & QA(Remotely)

Monday 19 November 2018 16:05 (25 minutes)

Author: KEIL, Markus (CERN)

Presenter: KEIL, Markus (CERN)

Session Classification: Session 3 - ITS and MFT

Contribution ID: 73

Type: **not specified**

ITS OB HIC Production QA (Remotely)

Monday 19 November 2018 16:30 (25 minutes)

Author: RIEDLER, Petra (CERN)

Presenter: RIEDLER, Petra (CERN)

Session Classification: Session 3 - ITS and MFT

Contribution ID: 74

Type: **not specified**

Discussion

Monday 19 November 2018 17:10 (20 minutes)

Presenter: ALL

Session Classification: Session 3 - ITS and MFT

Contribution ID: 75

Type: **not specified**

ITS OB HIC Produciton - Pusan/Inha

Tuesday 20 November 2018 09:00 (30 minutes)

Author: EUM, Jongsik (Pusan National University (KR))

Presenter: EUM, Jongsik (Pusan National University (KR))

Session Classification: Session 4 - ITS and MFT

Contribution ID: 76

Type: **not specified**

ITS OB HIC Produciton - Wuhan

Tuesday 20 November 2018 09:30 (30 minutes)

Author: WANG, Yaping (Central China Normal University CCNU (CN))

Presenter: WANG, Yaping (Central China Normal University CCNU (CN))

Session Classification: Session 4 - ITS and MFT

Contribution ID: 77

Type: **not specified**

Discussion

Tuesday 20 November 2018 10:00 (15 minutes)

Author: ALL

Presenter: ALL

Session Classification: Session 4 - ITS and MFT

Contribution ID: 78

Type: **not specified**

ITS Readout Electronics and Power Distribution (Remotely)

Tuesday 20 November 2018 10:45 (25 minutes)

Author: GIUBILATO, Piero (Universita e INFN, Padova (IT))

Presenter: GIUBILATO, Piero (Universita e INFN, Padova (IT))

Session Classification: Session 5 - ITS and MFT

Contribution ID: 79

Type: **not specified**

MFT Readout Electronics and Power Distribution

Tuesday 20 November 2018 11:10 (25 minutes)

Author: MARCHISONE, Massimiliano (Centre National de la Recherche Scientifique (FR))

Presenter: MARCHISONE, Massimiliano (Centre National de la Recherche Scientifique (FR))

Session Classification: Session 5 - ITS and MFT

Contribution ID: **80**

Type: **not specified**

MFT Activities at CCNU

Tuesday 20 November 2018 11:35 (25 minutes)

Presenter: FANG , Ni (CCNU)

Session Classification: Session 5 - ITS and MFT

Contribution ID: **83**

Type: **not specified**

DCS Status & Plans

Tuesday 20 November 2018 13:30 (30 minutes)

Author: CHOCHULA, Peter (CERN)

Presenter: CHOCHULA, Peter (CERN)

Session Classification: Session 6 - Detector and O2 Readout and Control

Contribution ID: **84**

Type: **not specified**

ITS DCS Status

Tuesday 20 November 2018 14:00 (25 minutes)

Author: MARTINENGO, Paolo (CERN)

Presenter: MARTINENGO, Paolo (CERN)

Session Classification: Session 6 - Detector and O2 Readout and Control

Contribution ID: **85**

Type: **not specified**

MFT DCS Status

Tuesday 20 November 2018 14:25 (25 minutes)

Authors: KWON, Minjae (Pusan National University (KR)); OYA , Motomi (Hiroshima University)

Presenter: OYA , Motomi (Hiroshima University)

Session Classification: Session 6 - Detector and O2 Readout and Control

Contribution ID: **86**

Type: **not specified**

Update on the detector read-out and CRU firmware

Tuesday 20 November 2018 14:50 (25 minutes)

Author: COSTA, Filippo (CERN)

Presenter: COSTA, Filippo (CERN)

Session Classification: Session 6 - Detector and O2 Readout and Control

Contribution ID: 87

Type: **not specified**

CRU TPC User Logic

Author: TBC

Presenter: TBC

Session Classification: Session 7 - Detector and O2 Readout and Control

Contribution ID: **88**

Type: **not specified**

CRU core firmawe

Tuesday 20 November 2018 16:05 (20 minutes)

Author: BOURRION, Olivier (Centre National de la Recherche Scientifique (FR))

Co-author: COSTA, Filippo (CERN)

Presenters: COSTA, Filippo (CERN); BOURRION, Olivier (Centre National de la Recherche Scientifique (FR))

Session Classification: Session 7 - Detector and O2 Readout and Control

Contribution ID: 89

Type: **not specified**

Commissioning of ITS R/O system

Tuesday 20 November 2018 15:15 (20 minutes)

Author: MAGER, Magnus (CERN)

Presenter: MAGER, Magnus (CERN)

Session Classification: Session 6 - Detector and O2 Readout and Control

Contribution ID: 90

Type: **not specified**

Online System for ITS Commissioning(Remotely, Local Time:8:45)

Tuesday 20 November 2018 16:50 (25 minutes)

Author: CHAPELAND, Sylvain (CERN)

Presenter: CHAPELAND, Sylvain (CERN)

Session Classification: Session 7 - Detector and O2 Readout and Control

Contribution ID: 91

Type: **not specified**

Data Acquisition Modeling for a PCI Card in O2 Front-end Electronics Using Queuing Theory

Tuesday 20 November 2018 17:15 (20 minutes)

Author: CHEANSUNAN, Purimpat (King Mongkut's University of Technology Thonburi (KMUTT) (TH))

Presenter: CHEANSUNAN, Purimpat (King Mongkut's University of Technology Thonburi (KMUTT) (TH))

Session Classification: Session 7 - Detector and O2 Readout and Control

Contribution ID: **92**

Type: **not specified**

O2 Control

Wednesday 21 November 2018 09:40 (30 minutes)

Author: MRNJAVAC, Teo (CERN)

Presenter: MRNJAVAC, Teo (CERN)

Session Classification: Session 8 - O2 Control, configuration and monitoring

Contribution ID: 93

Type: **not specified**

Improving System Performance Through Log Analytics, Abnormality Detection, and Task Scheduling (Remotely)

Wednesday 21 November 2018 09:20 (20 minutes)

Author: SANSAENGTHAM, Baramée (KMUTT)

Presenter: SANSAENGTHAM, Baramée (KMUTT)

Session Classification: Session 8 - O2 Control, configuration and monitoring

Contribution ID: 94

Type: **not specified**

An update on Configuration, Logging and Monitoring

Wednesday 21 November 2018 09:00 (20 minutes)

Author: MRNJAVAC, Teo (CERN)

Presenter: MRNJAVAC, Teo (CERN)

Session Classification: Session 8 - O2 Control, configuration and monitoring

Contribution ID: 95

Type: **not specified**

Data Acquisition Modeling of PCI Card in O2 Front-end Electronics Using Queuing Theory for Performance Analysis and Improvement

Presenter: Mr CHEANSUNAN, Purimpat (KMUTT)

Session Classification: Session 8 - O2 Control, configuration and monitoring

Contribution ID: **96**

Type: **not specified**

ITS O2 Status (Remotely)

Wednesday 21 November 2018 10:40 (25 minutes)

Presenter: BELIKOV, Yuri (IPHC)

Session Classification: Session 9 - Detector reconstruction software in O2

Contribution ID: 97

Type: **not specified**

MFT O2 status

Wednesday 21 November 2018 11:05 (25 minutes)

Author: Dr PEZZI, Rafael (Univ. Federal do Rio Grande do Sul (BR))

Presenter: Dr PEZZI, Rafael (Univ. Federal do Rio Grande do Sul (BR))

Session Classification: Session 9 - Detector reconstruction software in O2

Contribution ID: **98**

Type: **not specified**

ITS Commissioing Plans

Author: REIDT, Felix (CERN)

Presenter: REIDT, Felix (CERN)

Session Classification: Session 10 - LS2 Plans, Future Developments

Contribution ID: **99**

Type: **not specified**

LS3 Upgrade Plans and concepts for a future detector

Wednesday 21 November 2018 13:20 (40 minutes)

Author: MUSA, Luciano (CERN)

Presenter: MUSA, Luciano (CERN)

Session Classification: Session 10 - LS2 Plans, Future Developments

Contribution ID: **100**

Type: **not specified**

Studies on novel detector concepts

Wednesday 21 November 2018 14:00 (20 minutes)

Author: KWON, Youngil (Yonsei University (KR))

Presenter: KWON, Youngil (Yonsei University (KR))

Session Classification: Session 10 - LS2 Plans, Future Developments

Contribution ID: **101**

Type: **not specified**

Studies on novel detector concepts

Wednesday 21 November 2018 14:20 (20 minutes)

Author: KIM, Jungeol

Presenter: KIM, Jungeol

Session Classification: Session 10 - LS2 Plans, Future Developments

Contribution ID: **102**

Type: **not specified**

Studies on novel detector concepts

Wednesday 21 November 2018 14:40 (20 minutes)

Author: KIM, Jaehyun (Yonsei University)

Presenter: KIM, Jaehyun (Yonsei University)

Session Classification: Session 10 - LS2 Plans, Future Developments

Contribution ID: **103**

Type: **not specified**

Concluding Remarks

Wednesday 21 November 2018 16:00 (10 minutes)

Contribution ID: **104**

Type: **not specified**

Future plan

Wednesday 21 November 2018 15:00 (15 minutes)

Author: YOO, In Kwon (Pusan National University (KR))

Presenter: YOO, In Kwon (Pusan National University (KR))

Session Classification: Session 10 - LS2 Plans, Future Developments

Contribution ID: **105**

Type: **not specified**

Future plan

Wednesday 21 November 2018 15:15 (15 minutes)

Author: KWEON, Min Jung (Inha University (KR))

Presenter: KWEON, Min Jung (Inha University (KR))

Session Classification: Session 10 - LS2 Plans, Future Developments

Contribution ID: **106**

Type: **not specified**

O2 activities in Pakistan

Tuesday 20 November 2018 17:35 (20 minutes)

Presenter: HUSSAIN, Syed Asad (COMSATS Institute of Information Technology (PK))

Session Classification: Session 7 - Detector and O2 Readout and Control

Contribution ID: **107**

Type: **not specified**

ITS Assembly and Commissioning Plans

Tuesday 20 November 2018 16:25 (25 minutes)

Presenter: REIDT, Felix (CERN)

Session Classification: Session 7 - Detector and O2 Readout and Control

Contribution ID: **108**

Type: **not specified**

Application of ALPIDE to Proton CT

Wednesday 21 November 2018 15:30 (25 minutes)

Presenter: ROHRICH, Dieter (Department of Physics & Technology-University of Bergen)

Session Classification: Session 10 - LS2 Plans, Future Developments

Contribution ID: **109**

Type: **not specified**

Pixel Chip Production and Series Test

Monday 19 November 2018 11:45 (25 minutes)

Author: MAGER, Magnus (CERN)

Presenter: MAGER, Magnus (CERN)

Session Classification: Session 1 - General

Contribution ID: **110**

Type: **not specified**

AI-Based Logging System for O2 Facilities

Monday 19 November 2018 16:55 (15 minutes)

Presenter: ACHALAKUL, Tiranee (King Mongkut's University of Technology Thonburi (KMUTT) (TH))

Session Classification: Session 3 - ITS and MFT

Contribution ID: **111**

Type: **not specified**

photo time

Tuesday 20 November 2018 12:00 (10 minutes)

Session Classification: Session 5 - ITS and MFT