

Forum on Tracking Detector Mechanics 2013

Report of Contributions

Contribution ID: 4

Type: **not specified**

Detector Module R&D for the future CMS Tracker

Wednesday 19 June 2013 13:30 (30 minutes)

Presenter: MUSSGILLER, Andreas (Deutsches Elektronen-Synchrotron (DE))

Contribution ID: 5

Type: **not specified**

Modularity in the ATLAS upgrade strip tracker

Wednesday 19 June 2013 09:45 (30 minutes)

Presenter: WILMUT, Ian (STFC - Science & Technology Facilities Council (GB))

Contribution ID: 6

Type: **not specified**

Technical support and activities in Oxford

Presenter: FOPMA, Johan Maria (University of Oxford (GB))

Contribution ID: 7

Type: **not specified**

Welcome

Wednesday 19 June 2013 09:30 (15 minutes)

Contribution ID: 8

Type: **not specified**

Mechanical and cooling considerations for the upgrade to the LHCb vertex detector

Thursday 20 June 2013 15:00 (30 minutes)

Presenter: JOHN, Malcolm (University of Oxford (GB))

Contribution ID: 9

Type: **not specified**

Layout concept with tilted modules for the future CMS Tracker

Wednesday 19 June 2013 14:15 (30 minutes)

Presenter: CHAVEZ NIEMELA, Aleksis Osku (Tampere University of Technology (FI))

Contribution ID: **10**

Type: **not specified**

Saga of the IBL staves

Wednesday 19 June 2013 15:00 (30 minutes)

Presenter: CADOUX, Frank Raphael (Universite de Geneve (CH))

Contribution ID: 11

Type: **not specified**

Construction requirements for large scale tracking detectors.

Wednesday 19 June 2013 16:15 (30 minutes)

Presenter: MCMAHON, Stephen (STFC - Science & Technology Facilities Council (GB))

Contribution ID: 12

Type: **not specified**

Fiber Bragg grating sensors for smart-trackers: a real-time deformation, temperature and humidity monitor for the BELLE-II vertex detector

Wednesday 19 June 2013 17:00 (30 minutes)

Presenter: MOYA MARTIN, David (Universidad de Cantabria (ES))

Contribution ID: **13**

Type: **not specified**

Presentation

Contribution ID: 14

Type: **not specified**

Materials Studies for Tracker Support Structures for HL-LHC

Wednesday 19 June 2013 11:00 (30 minutes)

Presenter: JONES, Tim (University of Liverpool (GB))

Contribution ID: 15

Type: **not specified**

Prototyping the Micro-Vertex Detector for CBM: Integration of thinned CMOS sensors and thermal management

Thursday 20 June 2013 11:00 (30 minutes)

Presenter: TISCHLER, Tobias Hubertus (Johann-Wolfgang-Goethe Univ. (DE))

Contribution ID: 16

Type: **not specified**

Construction and Commissioning of the SuperNEMO Tracker Demonstrator

Thursday 20 June 2013 09:00 (30 minutes)

Presenter: DE CAPUA, Stefano (University of Manchester (GB))

Contribution ID: 17

Type: **not specified**

Mechanics for the CMS Upgrade Forward Pixel Detector

Thursday 20 June 2013 09:45 (30 minutes)

Presenter: Mr ARNDT, Kirk Thomas (Purdue University (US))

Contribution ID: **18**

Type: **not specified**

Microfabricated silicon on-detector cooling systems

Thursday 20 June 2013 14:15 (30 minutes)

Presenter: MAPELLI, Alessandro (CERN)

Contribution ID: **19**

Type: **not specified**

ATLAS IBL Thermal Mock Up

Thursday 20 June 2013 13:30 (30 minutes)

Presenter: NUIRY, Francois-Xavier (CERN)

Contribution ID: 20

Type: **not specified**

Thermal Design of the ATLAS upgrade staves

Thursday 20 June 2013 11:45 (30 minutes)

Presenter: BECK, Graham (QMUL London)

Contribution ID: 21

Type: **not specified**

Dimensioning of CO₂ cooling pipes in detector structures

Thursday 20 June 2013 16:15 (30 minutes)

Presenter: VERLAAT, Bart (NIKHEF (NL))

Contribution ID: 22

Type: **not specified**

C2F6/C3F8 saturated fluorocarbon cooling blends for the ATLAS SCT

Thursday 20 June 2013 17:00 (30 minutes)

Presenter: BITADZE, Alexander (University of Glasgow (GB))

Contribution ID: **23**

Type: **not specified**

Presentation

Contribution ID: 24

Type: **not specified**

CMS Tracker services: from conception to operation, and on to upgrade

Friday 21 June 2013 09:00 (30 minutes)

Presenter: GILL, Karl Aaron (CERN)

Contribution ID: 25

Type: **not specified**

Small-size detachable fittings for ATLAS IBL

Friday 21 June 2013 09:45 (30 minutes)

Presenter: DELEBECQUE, Pierre (Centre National de la Recherche Scientifique (FR))

Contribution ID: 26

Type: **not specified**

Radiation protection aspects for the Phase II upgrade of ATLAS and CMS

Friday 21 June 2013 11:00 (30 minutes)

Presenter: URSCHALER, Christina (CERN)

Contribution ID: 27

Type: **not specified**

Remote Handling for Phase-II

Friday 21 June 2013 13:30 (30 minutes)

Presenter: WENIG, Siegfried (CERN)

Contribution ID: 28

Type: **not specified**

ATLAS Radiation Protection Issues and Strategy

Friday 21 June 2013 11:45 (30 minutes)

Presenter: BELTRAMELLO, Olga (CERN)

Contribution ID: 29

Type: **not specified**

Material evaluation

Friday 21 June 2013 14:15 (30 minutes)

Presenter: LAPORTE, Didier (Univ. P. et Marie Curie (Paris VI) (FR))

Contribution ID: 30

Type: **not specified**

Large Scale Metrology for Tracking Detectors– Experience from LHC and Prospects

Friday 21 June 2013 15:30 (30 minutes)

Presenter: MERGELKUHL, Dirk (CERN)

Contribution ID: **31**

Type: **not specified**

Close-out

Friday 21 June 2013 16:15 (30 minutes)

Contribution ID: 52

Type: **not specified**

Assessment of local compliance in joints and mounts of global support structures

Wednesday 19 June 2013 11:45 (30 minutes)

Presenter: HARTMAN, Neal David (Lawrence Berkeley National Lab. (US))