

CWP Working Group Meeting: Simulation - Geometry, Digi

Report of Contributions

Contribution ID: 3

Type: **not specified**

ATLAS Geometry and Digitization

Monday, 24 April 2017 16:50 (10 minutes)

Presenter: MARSHALL, Zachary Louis (Lawrence Berkeley National Lab. (US))

Session Classification: Roundtable of experiment presentations on Geometry, Digi

Contribution ID: 4

Type: **not specified**

CMS

Monday, 24 April 2017 17:00 (10 minutes)

Methods and tools use by CMS for geometry and digitisation, and the challenges and opportunities towards phase 2 including plans for testing VecGeom.

Presenters: OSBORNE, Ianna (Fermi National Accelerator Lab. (US)); BANERJEE, Sunanda (Fermi National Accelerator Lab. (US))

Session Classification: Roundtable of experiment presentations on Geometry, Digi

Contribution ID: 5

Type: **not specified**

LHCb

Monday, 24 April 2017 17:20 (10 minutes)

Session Classification: Roundtable of experiment presentations on Geometry, Digi

Contribution ID: 6

Type: **not specified**

ALICE : status, challenges, plans

Monday, 24 April 2017 17:10 (10 minutes)

Presenter: WENZEL, Sandro Christian (CERN)

Session Classification: Roundtable of experiment presentations on Geometry, Digi

Contribution ID: 7

Type: **not specified**

Neutrinos

Monday, 24 April 2017 17:30 (10 minutes)

Presenter: QIAN, Xin (Brookhaven National Laboratory)

Session Classification: Roundtable of experiment presentations on Geometry, Digi

Contribution ID: **11**

Type: **not specified**

Muons

Monday, 24 April 2017 17:40 (10 minutes)

Presenter: WELTY-RIEGER, Leah (Indiana University)

Session Classification: Roundtable of experiment presentations on Geometry, Digi

Contribution ID: 14

Type: **not specified**

Developments in the Geant4 geometry modeller and validation of VecGeom shapes

Monday, 24 April 2017 16:40 (10 minutes)

Presenter: COSMO, Gabriele (CERN)

Session Classification: Roundtable of experiment presentations on Geometry, Digi

Contribution ID: 15

Type: **not specified**

A common data-exchange format for Geometry and event data - Ideas from the Visualization WG

Monday, 24 April 2017 17:50 (10 minutes)

Presenter: BIANCHI, Riccardo Maria (University of Pittsburgh (US))

Session Classification: Roundtable of experiment presentations on Geometry, Digi

Contribution ID: 16

Type: **not specified**

Visualisation of Geometry

Monday, 24 April 2017 18:00 (10 minutes)

Presenter: GOULAS, Ilias (CERN)

Session Classification: Roundtable of experiment presentations on Geometry, Digi