

# **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