

# **Geant4 Technical Forum**

## **Report of Contributions**

Contribution ID: 1

Type: **not specified**

## Introduction

*Thursday, 16 January 2020 16:00 (8 minutes)*

**Presenter:** ASAI, Makoto (SLAC National Accelerator Laboratory (US))

**Session Classification:** Developer presentation and discussion

Contribution ID: 2

Type: **not specified**

## **What's new in 10.6 - non-physics part**

*Thursday, 16 January 2020 16:08 (13 minutes)*

**Presenter:** Dr COSMO, Gabriele (CERN)

**Session Classification:** Developer presentation and discussion

Contribution ID: 3

Type: **not specified**

## **What's new in 10.6 - EM physics part**

*Thursday, 16 January 2020 16:21 (13 minutes)*

**Presenter:** Prof. IVANTCHENKO, Vladimir (CERN)

**Session Classification:** Developer presentation and discussion

Contribution ID: 4

Type: **not specified**

## What's new in 10.6 - Hadronic physics part

*Thursday, 16 January 2020 16:34 (13 minutes)*

**Presenter:** RIBON, Alberto (CERN)

**Session Classification:** Developer presentation and discussion

Contribution ID: 5

Type: **not specified**

## Open requirements

*Thursday, 16 January 2020 16:47 (13 minutes)*

**Presenter:** VERDERI, Marc (Centre National de la Recherche Scientifique (FR))

**Session Classification:** Developer presentation and discussion

Contribution ID: 6

Type: **not specified**

## **Geant4 in LArTPC simulation**

*Thursday, 16 January 2020 17:24 (12 minutes)*

**Presenter:** YANG, Tingjun (Fermi National Accelerator Lab. (US))

**Session Classification:** User presentation and discussion

Contribution ID: 7

Type: **not specified**

## **“pyg4ometry” to load/manipulate/save/visualise/convert GDML/Fluka/CAD geometry**

*Thursday, 16 January 2020 17:36 (12 minutes)*

**Presenters:** Prof. BOOGERT, Stewart Takashi (Royal Holloway, University of London); BOOGERT, Stewart (Royal Holloway, University of London)

**Session Classification:** User presentation and discussion



Contribution ID: 8

Type: **not specified**

## **Tetrahedral mesh navigator**

*Thursday, 16 January 2020 17:48 (12 minutes)*

**Presenter:** HAN, Haegin (Hanyang University)

**Session Classification:** User presentation and discussion

Contribution ID: 9

Type: **not specified**

## ATLAS

*Thursday, 16 January 2020 17:00 (12 minutes)*

**Presenter:** BANDIERAMONTE, Marilena (University of Pittsburgh (US))

**Session Classification:** User presentation and discussion

Contribution ID: **10**

Type: **not specified**

## **CMS**

*Thursday, 16 January 2020 17:12 (12 minutes)*

**Presenters:** BANERJEE, Sunanda (Fermi National Accelerator Lab. (US)); IVANTCHENKO, Vladimir (CERN)

**Session Classification:** User presentation and discussion