

66th Geant4 Technical Forum

Report of Contributions

Contribution ID: 1

Type: **not specified**

Introduction

Thursday, 18 December 2025 15:00 (10 minutes)

Presenter: RIBON, Alberto (CERN)

Session Classification: Developers part

Contribution ID: 2

Type: **not specified**

What's new in 11.4: non-physics part

Thursday, 18 December 2025 15:10 (20 minutes)

Presenter: Dr COSMO, Gabriele (CERN)

Session Classification: Developers part

Contribution ID: 3

Type: **not specified**

What's new in 11.4: EM physics

Thursday, 18 December 2025 15:30 (20 minutes)

Presenter: Prof. IVANTCHENKO, Vladimir (CERN)

Session Classification: Developers part

Contribution ID: 4

Type: **not specified**

What's new in 11.4: hadronic physics

Thursday, 18 December 2025 15:50 (20 minutes)

Presenter: RIBON, Alberto (CERN)

Session Classification: Developers part

Contribution ID: 5

Type: **not specified**

R&D activity update

Thursday, 18 December 2025 16:10 (20 minutes)

Presenter: POKORSKI, Witold (CERN)

Session Classification: Developers part

Contribution ID: 6

Type: **not specified**

G4VR: A Virtual Reality Extension for GEANT4

Thursday, 18 December 2025 16:30 (20 minutes)

Presenters: JOBILAL, BENJAMIN; IQBAL, Muhammad Ansar (University of California Los Angeles (US))

Session Classification: Users part

Contribution ID: 7

Type: **not specified**

Geant4 in the Browser: Challenges and Progress in WebAssembly-Based Particle Transport

Thursday, 18 December 2025 16:50 (20 minutes)

Presenter: GRZANKA, Leszek (AGH University of Krakow (PL))

Session Classification: Users part

Contribution ID: **8**

Type: **not specified**

CMS Full simulation status

Thursday, 18 December 2025 17:10 (15 minutes)

Presenter: BANERJEE, Sunanda (University of Wisconsin Madison (US))

Session Classification: Users part

Contribution ID: 9

Type: **not specified**

ATLAS Full Simulation update

Thursday, 18 December 2025 17:25 (15 minutes)

Presenter: ESSEIVA, Julien (Lawrence Berkeley National Lab. (US))

Session Classification: Users part

Contribution ID: **10**

Type: **not specified**

Let's Enable Seamless Data Exchange Between Particle Accelerator & Matter/Detector Modeling

Thursday, 18 December 2025 17:40 (20 minutes)

Presenter: FORMENTI, Arianna (LBNL)

Session Classification: Users part