

Session Program

26-30 Sept 2022



27th Geant4 Collaboration Meeting

Geant4 Technical Forum

Pôle Numérique Rennes Beaulieu (PNRB), TA Beaulieu

Tuesday 27 September

16:00

Geant4 Technical Forum

Session | **Location:** Pôle Numérique Rennes Beaulieu (PNRB), TA Beaulieu | **Conveners:**
Alberto Ribon, Marc Verderi, Marilena Bandieramonte

16:00–16:05 **Introduction**

Speaker
Marc Verderi

16:05–16:25 **Status of 11.1 developments: non-physics part**

Speaker
Dr Gabriele Cosmo

16:25–16:45 **Status of 11.1 developments: Electromagnetic physics part**

Speaker
Prof. Vladimir Ivantchenko

16:45–17:10

Update of the optical light transport in Geant4 to model optical coating

Speaker
Laurie CAPPELLUGOLA

17:10–17:35 **Radioactive decay simulation of superheavy nuclei in Geant4**

Speaker
Rikel Chakma

17:35–18:00

Pyg4ometry : python library for creating, processing, converting and editing Geant4 geometry

Speakers
Prof. Stewart Takashi Boogert, Stewart boogert

18:00–18:35 **Using photogrammetry for automatic digital models generation**

Speakers
Andrea Dotti, Andrea Dotti

19:10