

Session Program

7-11 Oct 2024

29th Geant4 Collaboration Meeting

Breakout 1: Electromagnetic Physics

Hotel Four Points by Sheraton

Wednesday 9 October

16:00

Breakout 1: Electromagnetic Physics

Session | **Location:** Hotel Four Points by Sheraton | **Conveners:** Vladimir Ivantchenko, Mihaly Novak

16:00–16:18

On the Gamma-Ray Conversion pdf: Towards a Direct 5D Event Generation

Speaker

Denis Robert Leon Bernard

16:18–16:36

New extended examples to explore Channeling effects in oriented crystals and their applications

Speaker

Gianfranco Paterno

16:36–16:54

First integration of annihilation gamma quantum decoherence in Geant4

Speaker

Julien Bordes

16:54–17:12

Geant4-DNA Development for Atmospheric Applications

Speaker

Francesca Nicolanti

17:12–17:30

Problems in EM physics

Speaker

Prof. Vladimir Ivantchenko

17:30