

Session Program

7-11 Oct 2024

29th Geant4 Collaboration Meeting

Plenary: Electromagnetic Physics

Hotel Four Points by Sheraton

Thursday 10 October

09:00

Plenary: Electromagnetic Physics

Session | **Location:** Hotel Four Points by Sheraton | **Conveners:** Vladimir Ivantchenko, Alexei Sytov

09:00–09:18 **News from G4-Med project**

Speaker

Susanna Guatelli

09:18–09:36 **Status of EM physics**

Speaker

Prof. Vladimir Ivantchenko

09:36–09:54 **Progress in Geant4 DNA**

Speakers

Ngoc Hoang Tran, Sebastien Incerti

09:54–10:12

Geant4 ab-initio models on channeling, channeling radiation and coherent pair production in oriented crystals

Speaker

Alexei Sytov

10:12–10:30 **Simulation of positronium decay**

Speaker

Denis Robert Leon Bernard

10:30