

Session Program

15-25 Sept 2020

**[Virtual] 25th Geant4 Collaboration Meeting
[Plenaries 21st to 25th]**

EM WG parallel session

Friday 18 September

15:00

EM WG parallel session: Parallel

Session | **Location:** Geant4_Collaboration_Meeting_Parallel_A <https://vidyoportal.cern.ch/join/WFat6NxvuF> | **Conveners:** Sebastien Incerti, Luciano Pandola

15:00–15:15

Progress of validation of Auger Electron emission from radioactive decay

Speakers

Mr Samer Bakr, Susanna Guatelli

15:15–15:30

Progress of ANSTO-based PIXE data library

Speakers

Samer Bakr, Susanna Guatelli

15:30–15:50

Implementation of EPICS2017 models for gammas

Speaker

Li Zhuxin

15:50–16:10

Refinement and extension of photon coherent interaction models with matter

Speaker

Gianfranco Paterno

16:10–16:30

Models for low-energy gamma elastic scattering

Speaker

Mohamed Omer

16:30–16:50

Recent developments in MicroElec processes

Speakers

Christophe Inguibert, Melanie Raine

16:50–17:10

Validation of proton interaction models with liquid water above 100 MeV for Geant4-DNA

Speakers

A. Damián Domínguez Muñoz, Miguel Antonio Cortes Giraldo

17:10–17:30

Physics models for electron interactions in DNA bases

Speaker

Marie Claude Bordage

17:30–17:50

Overview of pre-chemical aspects of Geant4-DNA and initial radiological yields

Speaker

Wook Geun Shin

17:50–18:10

Status and improvement of the Geant4-DNA dielectric models

18:10

Speaker
Ioanna Kyriakou