Session Program

7–11 Oct 2024

29th Geant4 Collaboration Meeting

Plenary: Basic, Extended, and Advanced Examples

Hotel Four Points by Sheraton

Tuesday 8 October

14:00

Plenary: Basic, Extended, and Advanced Examples
Session | **Location:** Hotel Four Points by Sheraton | **Conveners:** Francesco Romano, Ivana Hrivnacova

14:00–14:15 **Basic and Extended Examples Summary**

Speaker
Ivana Hrivnacova

14:15–14:22 **New Extended Channeling Examples**

Speaker
Alexei Sytov

14:22–14:29

The Radiobiology Example: A Flexible Framework for Machine Learning, Phase Space testing and beyond in Monte Carlo Applications

Speaker
Alberto Sciuto

14:29–14:36

Effects of Oxygen depletion in extremely high dose rate proton irradiation investigated through the Scavenger example

Speakers
Fateme Farokhi, Serena Fattori

14:36–14:43 **UHDR example update**

Speakers
Le Anh Tuan, Ngoc Hoang Tran, Serena Fattori

14:43–14:55 **Advanced Examples Summary**

Speaker
Francesco Romano

14:55–15:03

eFLASH_radiotherapy and exp_microdosimetry examples: status and recent developments

Speaker
Giuliana Milluzzo

15:03–15:11 **Hadrontherapy example: Current Status and Future Perspectives**

Speaker
Giada Petringa

15:11–15:19 **Status and new developments for the Medical Linac Example**

Speaker
Silvia Pozzi

15:19–15:24 **IAEA Phase Space file status**

Speaker

Dr Miguel Antonio Cortes-Giraldo

15:24–15:29 **Contributions to Advanced Examples for ICRP Reference Phantoms**

Speaker

Yeon Soo Yeom

15:30