

Session Program

20-24 Feb 2023

Lecture week "iGRAM 2023 (Introducing Geant4, Root, And Machine-learning)"

Introduction to Geant4

IFT/UiB, 368
Bergen Norway

Tuesday 21 February

09:00

Introduction to Geant4: Geant4 essentials

Session | **Location:** IFT/UiB, 368, Bergen Norway | **Convener:** Dr George O'Neill

10:30

10:50

Introduction to Geant4: Geant4 classes, hooks, and required code

Session | **Location:** IFT/UiB, 368, Bergen Norway | **Convener:** Dr George O'Neill

12:10

12:10

Introduction to Geant4: Q&A

Session | **Location:** IFT/UiB, 368, Bergen Norway | **Convener:** Dr George O'Neill

12:30

13:30

Introduction to Geant4: Solids, Physics Lists, Macros, and GUI documentation

Session | **Location:** IFT/UiB, 368, Bergen Norway | **Convener:** Dr George O'Neill

14:00

14:00

Introduction to Geant4: Example B1 walkthrough

Session | **Location:** IFT/UiB, 368, Bergen Norway | **Convener:** Dr George O'Neill

15:30

15:45

Introduction to Geant4: Hands-on: making a B1-like program

Session | **Location:** IFT/UiB, 368, Bergen Norway | **Convener:** Dr George O'Neill

17:00

Wednesday 22 February

09:00



10:00

Introduction to Geant4: LocalTime(), GlobalTime(), Particles and Vertexes

Session | **Location:** IFT/UiB, 368, Bergen Norway | **Convener:** Dr George O'Neill

Friday 24 February

09:00

11:00

11:00

12:15

Introduction to Geant4: Geant4 hands-on

Session | **Location:** IFT/UiB, 368, Bergen Norway | **Convener:** Dr George O'Neill

Introduction to Geant4: More Geant4 hands-on

Session | **Location:** IFT/UiB, 368, Bergen Norway | **Convener:** Dr George O'Neill