

**Session Program**

**23-27 Sept 2019**

**24th Geant4 Collaboration Meeting**

***Parallel 7B - Geant4 in medicine***

Jefferson Lab, F113

# Thursday 26 September

16:00

## Parallel 7B - Geant4 in medicine

**Session** | **Location:** Jefferson Lab, L102 | **Conveners:** Bruce Alan Faddegon, Susanna Guatelli

16:00–16:15

### Evaluation of early radiation DNA damage in a fractal cell nucleus model using Geant4-DNA (remote)

**Speaker**

Dosatsu Sakata

16:15–16:30

### Current status of IRT for plasmid SSB simulations under the presence of scavengers

**Speaker**

Jose Asuncion Ramos Mendez

16:30–16:45

### G4MSBG: recent developments

**Speaker**

Susanna Guatelli

16:45–17:00

### Validation of Geant4 for Microbeam Radiation Therapy

**Speaker**

Susanna Guatelli

17:00–17:15

### Update of LightIonBraggPeak test with Li and O data

**Speaker**

Miguel Antonio Cortes Giraldo

17:15–17:30

### A proposal for a physics list for gamma radiotherapy applications

**Speaker**

Pedro Arce

17:30