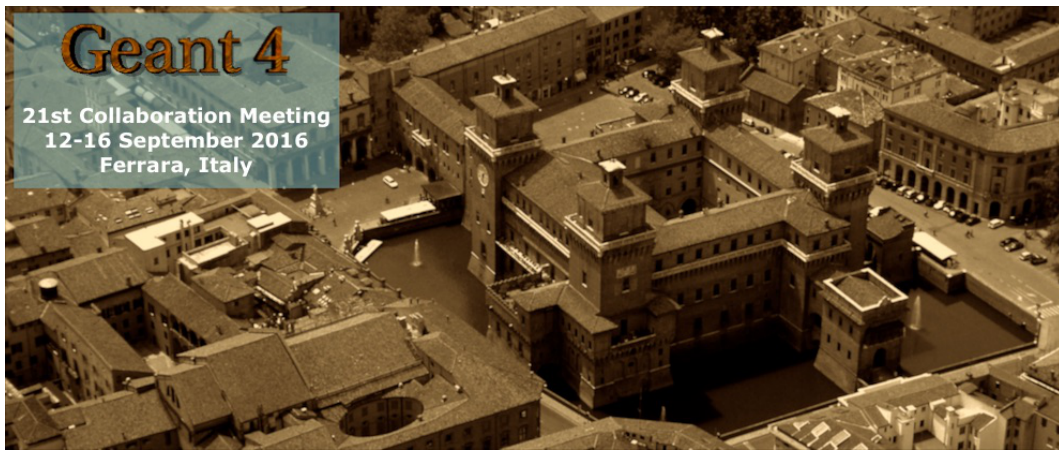


Session Program

Sep 12 - 16, 2016



Geant4 21st Collaboration Meeting

Parallel 4A - New EM physics validation results

Ferrara, Aula Magna
Via Voltapaletto, 11, 44121 Ferrara FE, Italy

Tue, September 13

4:00 PM

Parallel 4A - New EM physics validation results

Session | **Location:** Ferrara, Aula Magna, Via Voltapaletto, 11, 44121 Ferrara FE, Italy

4:00 - 4:15 PM **Electron scattering benchmark**

Speaker

Daren Sawkey

4:15 - 4:30 PM

Validation of photon cross sections and a new test for brachytherapy

Speaker

Dr Susanna Guatelli

4:30 - 4:45 PM

Bragg curves in water for 67.5 MeV protons

Speaker

Prof. Bruce Faddegon

4:45 - 4:55 PM

Validation of proton nozzle

Speaker

Mr Jae-ik Shin

4:55 - 5:10 PM

Ion range validation in water

Speaker

Alvaro Perales

5:10 - 5:25 PM

New data on fragmentation cross sections of alpha particles in water from GSI

Speaker

Dr Miguel Antonio Cortes-Giraldo

5:25 - 5:40 PM

Space background simulation for ATHENA mission

Speakers

Dr Alfonso Mantero, Dr Paolo Dondero

5:40 - 5:50 PM

An Universal Class in Geant4 For The Patient Geometry Model Construction from DICOM files

Speaker

Mr Álvaro Perales Molina

5:55 PM