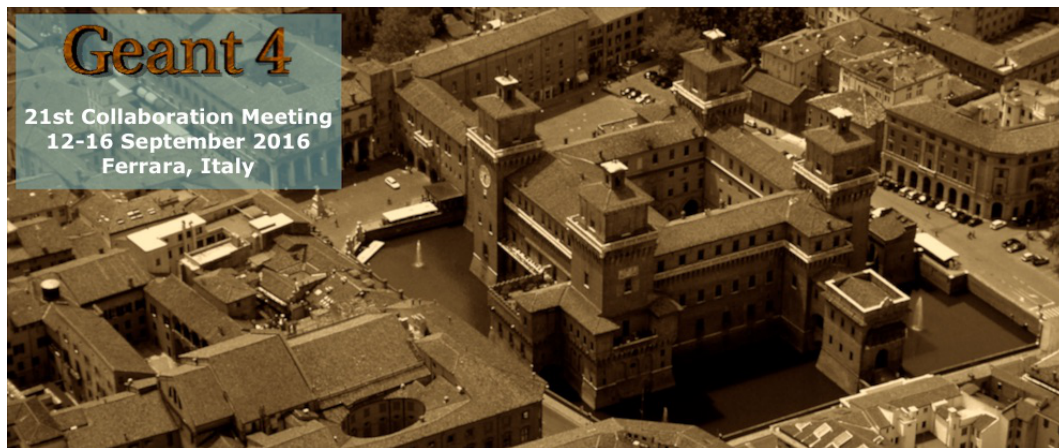


Session Program

Sep 12 - 16, 2016



Geant4 21st Collaboration Meeting

Parallel 3A - New EM developments

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

Tue, September 13

2:00 PM

Parallel 3A - New EM developments

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

2:00 - 2:15 PM

Firsov and Remizovich effects for low energy low angle proton scattering simulation

Speakers

Dr Alfonso Mantero, Dr Paolo Dondero

2:15 - 2:30 PM

New evaluated PIXE model from ANSTO

Speaker

Dr Susanna Guatelli

2:30 - 2:45 PM

New developments of MicroElec processes for low-energy electron transport in Al, Ag and Si

Speaker

Dr Christophe Inguibert

2:45 - 3:00 PM

Flagged uniform particle split for Geant4-DNA

Speaker

Dr Jose Ramos-Mendez

3:00 - 3:15 PM

MPEXS-DNA, a GPU implementation of Geant4-DNA

Speaker

Dr Shogo Okada

3:15 - 3:30 PM

A Geant4 application for flexible and extendable DNA geometries incorporating physical and chemical genome damage

Speaker

Nathanael Lampe

3:30 - 3:45 PM

Evaluation of radio-induced DNA damages simulating the physical, physico-chemical and chemical stages with Geant4-DNA

Speaker

Mr Sylvain Meylan

4:00 PM