

**Session Program**

**10-14 Sept 2012**

**17th Geant4 Collaboration Meeting**

***Parallel session 1A : New EM model  
developments***

Maison Saint-Yves  
1 rue Saint Eman, 28000 Chartres, France

# Monday 10 September

14:00

## Parallel session 1A : New EM model developments

**Session** | **Location:** Maison Saint-Yves, 1 rue Saint Eman, 28000 Chartres, France | **Convener:** Dr Giovanni Santin

14:00–14:20 **New Compton model**

**Speaker**

Jeremy Brown

14:20–14:30 **The X-Ray Rayleigh scattering model for EM standard package**

**Speaker**

Vladimir Grichine

14:30–14:50 **The MuElec extension for microdosimetry in Silicon**

**Speaker**

Melanie Raine

14:50–15:10 **Modeling biological structures with protein data bank**

**Speaker**

Jonathan Madsen

15:10–15:30 **Atomic deexcitation modelling**

**Speaker**

Alfonso Mantero

15:30