



# Geant4 Space Users' Forum 2003

## Tuesday, 21 January 2003

### Users' presentations - Einstein (09:15 - 18:00)

time	[id] title	presenter
09:15	[11] Simulation of Electrostatic Charging of Test Masses in the LISA Mission	ARAUJO, Henrique
09:45	[12] Geant4 Application to Low Background Experiments Underground and in Space	HOWARD, Alexander
10:15	[13] Requirements from Geant4 for Calculating Charging Rates in Space Missions	SUMNER, T
10:45	[14] Polarisation Process in the Geant4 Low Energy Electromagnetic Classes + Compton + Rayleigh + Photoelectric + Pair production	DEPAOLA, Gerardo
11:00	Break	
11:15	[15] Geant4 Simulation of High-Energy Gamma Ray Experiments	LONGO, Francesco
11:45	[16] Geant4 Application for X-Ray Astronomy Satellite Astro-E2	OZAKI, Masanobu
12:15	[17] Space Applications at NASA/GSFC Using Geant4	FODNESS, Brian
12:50	Lunch	
14:15	[18] Modelling Packaging Effects on Proton Irradiation Response of NMRC RadFETs	Ms KEATING, Ana
14:45	[19] A Simulation Tool to Predict Displacement Damage Effects in Electronic Components	THIEL, K
15:15	[20] Status of the DESIRE Project: Geant4 Physics Validation Studies	ERSMARK, Tore
15:45	Break	
16:10	[21] Geant4 Applications for Propagation of Cosmic Rays Through the Earth's Magnetosphere and Atmosphere	Mr DESORGHER, Laurent Desorgher
16:40	[22] Interaction of Protons of about 1 GeV with Thin and Thick Targets: Simulation by Geant4 and Comparison with Experimental Data	LATYSHEVA, L.N.
17:10	[23] Discussion	