

Geant4 Space Users' Workshop 2004

Monday, 10 May 2004

Space Application User Presentations: 1 - Featherngill Hall Room 134 (08:30 - 12:00)

time	[id] title	presenter
08:30	[7] Geant4-Related Analyses at ESA	Dr SANTIN, Giovanni
09:00	[8] Geant4 Simulation of X-ray Fluorescence from Planetary Surfaces	BAVDAZ, Marcos
09:30	[9] Radiation Interaction Simulations for High-Energy Astrophysics Experiments EUSO and AMS	GONÇALVES, Patricia
10:00	Break	
10:30	[10] The High Radiation Anisotropy Composition and Electron Spectrometer	HAGGERTY, D
11:00	[11] GEANT4-Based Design of a Particle Spectroscopy : The Energetic Particle Telescope	Dr CYAMUKUNGU, Mathias
11:30	[12] A GEANT 4 Simulation System for the GLAST Burst Monitor	HOOVER, A

Tuesday, 11 May 2004

Space Application User Presentations: 2 - 5326 Stevenson Center (03:30 - 07:00)

time	[id] title	presenter
03:30	[13] Highlights from the SEPTIMESS Project	Dr LEI, Fan
04:00	[14] Capability of Geant4 for Astrophysical Simulation	KOI, Tatsumi
04:30	[15] Turning Geant Inside-Out: Running Geant as a Slave Process to a Python Program to Provide Improved Flexibility	MENDENHALL, M
05:00	Break	
05:30	[16] A Space Radiation Environment Generator Interfaced to Geant4	GUATELLI, Susanna
06:00	[17] Application of Computational Physics Tools like GEANT4 for Studying Radiation Effects in Microelectronics	REED, Robert
06:30	[18] GEANT4 and MCNPX Comparison of the Treatment of Displacement Damage Mechanisms in HgCdTe Detectors	FODNESS, Brian

Space Application User Presentations: 3 - 5326 Stevenson Center (08:30 - 12:00)

time	[id] title	presenter
08:30	[19] A Geant4 Example for Radiation Effects on Components	KEATING, Ana
09:00	[20] Adaptation of Genat4 for Single Event Simulations	WELLER, Robert
09:30	[21] Validation of GEANT4 p+Si Nuclear Reaction Cross-Sections and Implications for SEU Evaluations	Dr CYAMUKUNGU, Mathias
10:00	Break	
10:30	[22] Microdosimetry and the Single Neutron	Dr TRUSCOTT, Pete
11:00	[23] Geant4 Software Development and Application at QinetiQ	Dr LEI, Fan
11:30	[24] Planned Geant4-related ESA R&D	Mr NIEMINEN, Petteri

Wednesday, 12 May 2004

Space Application User Presentations: 4 - Featherngill Hall Room 134 (03:30 - 05:30)

time	[id] title	presenter
03:30	[25] Status of the DESIRE Project Geant4 Physics Validation Studies and Columbus/ISS Radiation Simulations	ERSMARK, Tore
04:00	[26] Geant4 studies for radiation exposure in interplanetary manned missions	GUATELLI, Susanna
04:30	[27] Ion-Nuclear Models for the Analysis of Radiation Shielding and Effects (IONMARSE)	Dr TRUSCOTT, Pete
05:00	[28] GLAST LAT G4 simulation	WRIGHT, Dennis LONGO, Francesco