

Date	Session	Chair	Start	End	Length	Speaker	Title
Feb 13 (Wed)							
			9:00 AM	10:00 AM			Registration
	Overview	TBA	10:00 AM	10:10 AM	10 min	Akio Yamamoto (JAXA/IAT)	Opening address
			10:10 AM	10:40 AM	30 min	Masanobu Ozaki (JAXA/ISAS)	Geant4 in JAXA
			10:40 AM	11:00 AM			Coffee break
		R. Reed (Vanderbilt)	11:00 AM	11:30 AM	30 min	Petteri Nieminen (ESA/ESTEC)	Geant4 in ESA
			11:30 AM	12:00 PM	30 min	Insoo Jun (NASA/JPL)	Geant4 in NASA - 1
			12:00 PM	12:30 PM	30 min	Robert A. Weller (Vanderbilt)	Geant4 in NASA - 2
			12:30 PM	2:00 PM			Lunch break
	G4-based tools in space - 1	P. Nieminen (ESA/ESTEC)	2:00 PM	2:30 PM	30 min	Daniel Heynderickx (DH Consultancy)	Space radiation environments
			2:30 PM	3:00 PM	30 min	Robert Reed (Vanderbilt)	RADSAFE / MRED
			3:00 PM	3:30 PM	30 min	Giovanni Santin (ESA/ESTEC)	MULASSIS / GRAS
			3:30 PM	3:50 PM			Coffee break
		M. Ozaki (JAXA/ISAS)	3:50 PM	4:20 PM	30 min	Laurent Desorgher (Bern Univ.)	PLANETOCOSMICS
			4:20 PM	4:50 PM	30 min	Aur�lie Le Postollec (LAB/CENBG)	Mars environment simulations for traces of life detection
			4:50 PM	5:10 PM	20 min	Marcus H. Mendenhall (Vanderbilt University)	A toolkit for data-driven computing in Geant4
			5:10 PM	5:30 PM	20 min	Juan Cabrera (Center for Space Radiations)	EPT configuration and GEANT4 simulation tools
			5:30 PM	5:50 PM	20 min	Takao Kitaguchi (University of Tokyo)	Effects of Neutrons on HXD-PIN Background onboard Suzaku
	Reception		6:30 PM				Reception
	Banquet		7:00 PM				Banquet
Feb 14 (Thu)							
	Ion-ion physics	T. Koi (SLAC)	9:30 AM	10:00 AM	30 min	Takeshi Takashima (JAXA/ISAS)	Intro on heavy ion (cosmic ray) physics requirements for the various space applications.
			10:00 AM	10:30 AM	30 min	Dennis Wright (SLAC)	Status of ion-ion physics in Geant4
			10:30 AM	10:50 AM			Coffee break & registration
		D. Wright (SLAC)	10:50 AM	11:20 AM	30 min	Tatsumi Koi (SLAC)	New native QMD code in Geant4
			11:20 AM	11:50 AM	30 min	Koji Niita (RIST)	External MC code (PHITS)
			11:50 AM	12:00 PM	10 min	Tatsumi Koi (SLAC)	Comments on JQMD/PHITS interface to G4
			12:00 PM	12:30 PM	30 min		Discussion on collaborative physics validation efforts
			12:30 PM	2:00 PM			Lunch break
	G4-based tools in space - 2	S. Kang (NASA/JPL)	2:00 PM	2:30 PM	30 min	Sergio Esteve Hoyos (INTA)	INTA radiation effects and analysis tools
			2:30 PM	3:00 PM	30 min	Marc Kippen (LANL)	ACTtools and G4LECS
			3:00 PM	3:30 PM	30 min	Andreas Zoglauer (Space Sciences Laboratory, University of California at Berkeley)	Simulating Space Radiation Environments and the Resulting Detector Activation with Geant4
			3:30 PM	3:50 PM			Coffee break
		M. Kokubun (JAXA/ISAS)	3:50 PM	4:20 PM	30 min	Shin Watanabe (JAXA/ISAS)	The X-ray simulators for Suzaku/NeXT
			4:20 PM	4:40 PM	20 min	Tatsuto Komiyama (Space Environment Measurement Group, IAT, JAXA)	Calculation of Radiation Exposure on the Moon Surface by Using PHITS
			4:40 PM	5:00 PM	20 min	Jose M. Alvarez Pastor (Institut de Ci�ncies de l'Espai (ICE-CSIC))	Simulation study of a CdTe detectors for astrophysics with Geant4
			5:00 PM	5:20 PM	20 min	Atsushi Takada (Cosmic-Ray group, Department of Physics, Kyoto University)	The simulation of the Electron Tracking Compton Camera using a gaseous time projection chamber and a scintillator
			5:20 PM	5:40 PM	20 min	Manju Sudhakar (ISRO Satellite Center (ISAC))	Simulations of the HEX Payload using Geant4
Feb 15 (Fri)							
	Geant4 updates	K. Murakami (KEK)	9:30 AM	10:00 AM	30 min	Makoto Asai (SLAC)	Geant4 updates in kernel
			10:00 AM	10:30 AM	30 min	Gabriele Cosmo (CERN)	Geant4 updates in geometry
			10:30 AM	10:50 AM			Coffee break & registration
		G. Cosmo (CERN)	10:50 AM	11:20 AM	30 min	Sebastien Incerti (IN2P3/CENBG)	Geant4 updates in EM physics
			11:20 AM	11:50 AM	30 min	Dennis Wright (SLAC)	Geant4 updates in hadronic physics
			11:50 AM	12:20 PM	30 min	Koichi Murakami (KEK)	Geant4 updates in GUI / VIS

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			12:20 PM	2:00 PM			Lunch break
		G. Santin (ESA/ESTEC)	2:00 PM	2:20 PM	20 min	Dennis K. Haggerty (The Johns Hopkins University Applied Physics Laboratory)	Simulations of an Energetic Particle Instrument for Jupiter
			2:20 PM	2:40 PM	20 min	Shawn Kang (Jet Propulsion Laboratory)	Monte Carlo simulations of the Galileo heavy ion counter
			2:40 PM	3:00 PM	20 min	Thomas M. Jordan (Experimental and Mathematical Physics Consultants)	Space System Analysis Using CAD/STEP Geometries
			3:00 PM	3:20 PM	20 min	Naoyuki Yamashita (Waseda University)	Improvements of Geant4 in Line Gamma-Ray Production for the Lunar and Planetary Applications
			3:20 PM	3:40 PM			Coffee break
		M. Asai (SLAC)	3:40 PM	4:00 PM	20 min	Kazuya Iwabuchi (Research Institute for Science and Engineering, Waseda University)	Search of Water Ice in the Lunar Polar Regions
			4:00 PM	4:20 PM	20 min	S. Kobayashi (Research Institute for Science and Engineering, Waseda Univ.)	The estimation of spatial resolution of the lunar Gamma-Ray Spectrometer aboard SELENE (KAGUYA) by Geant4
			4:20 PM	4:40 PM	20 min	Francisco Garcia (Helsinki Institute of Physics)	Implementation of the SIXS sensor unit of the BepiColombo mission – using 3D CAD model conversion to GDML in GEANT4
			4:40 PM	5:20 PM	40 min		Geant4 Technical Forum
			5:20 PM	5:30 PM	10 min	Peteri Nieminen (ESA/ESTEC)	Closing remarks
			5:30 PM				Adjourn