

Oral presentations

09:00 - 09:10	F. Da Pieve (BIRA-IASB, BE): Welcome and Intro on ESC2RAD
09:10 - 09:45	A.C. Vandaele (BIRA-IASB, BE): Planetary exploration
09:45 - 10:15	E. Botek (BIRA-IASB, BE): Towards a better understanding of Space Weather
	sources and effects
10:15 - 10:50	E. Artacho (CIC nanoGUNE research center, ES, and Univ. of Cambridge, UK):
	Electronic stopping power in hard matter from first principles
10:50 - 11:10	Coffee break
11:20 - 11:55	J. Kohanoff (Queen's Univ. of Belfast, UK): DNA damage in the physiological
	environment from ab initio molecular dynamics simulations
11:55 - 12:30	F. Cleri (Univ. of Lille, FR): Biophysical insights about the role of DNA strand
	breaks in cancer development and therapy
12:30 - 13:45	Lunch
13:45 - 14:20	J. Brown (TUDelft, NL and Univ. of Wollongong, AU): Monte Carlo simulation of
	early biological damage induced by ionising radiation at the DNA scale:
	overview of the Geant4-DNA project
14:20 - 14:55	O. Van Hoey (SCK-CEN, BE): Radiation dosimetry in space with luminescent
	detectors and radiation transport simulations
14:55 - 15:15	F. Da Pieve (BIRA-IASB, BE): Characterization of the radiation environment at
	potential landing sites on Mars
15:15 - 15:40	Coffee break
15:40 - 17:30	Discussion reserved to the members of the consortium
19:30	Dinner - reserved to the members of the consortium

You want to participate to one/two sessions or to the full day program ? Please send me an email, specifying also if you want to stay for the lunch, by Thursday 24th of May : fabiana.dapieve@aeronomie.be