

SPACEMON: Space Environment Monitoring Workshop 2020

Thursday, 3 December 2020

Radiation Dosimeters and Pixel-based Detectors: RADD-1 - Einstein (09:00 - 11:00)

-Conveners: Marco Vuolo; Melanie Heil

time	[id] title	presenter
09:00	[31] A Heavy-ion Beam Monitor Based on 3D NAND Flash Memories	GERARDIN, Simone
09:20	[26] New FGDOS® developments for space dosimetry applications	Mr SERVERA MAS, Bartomeu
09:40	[7] Semiconductor microdosimetry for radiation protection of astronauts in space	Prof. ROSENFELD, Anatoly
10:00	[3] Tissue-Equivalent Crew Dosimeter Based on Novel 3D Silicon processing	POVOLI, Marco
10:20	[5] GEANT4 Simulation study of the response of the MIDAS device in GCR radiation fields.	Prof. LAMBROPOULOS, Charalambos
10:40	[47] Discussion	

Radiation Dosimeters and Pixel-based Detectors: RADD-2 - Einstein (11:20 - 12:50)

-Conveners: Melanie Heil; Marco Vuolo

time	[id] title	presenter
11:20	[27] The SpacepiX Radiation Monitor	Dr MARCISOVSKY, Michal
11:40	[20] Miniaturized Radiation monitor based on Timepix3	FILGAS, Robert
12:00	[13] Miniaturized particle tracker Timepix3 twin stack for Space Weather missions	GRANJA, Carlos
12:20	[48] Discussion	