

Workshop for Applied Nuclear Data Activities (WANDA 2021)

Friday, 29 January 2021

Session Four: Intro to Nuclear Data for Space Application - Chairs: M. Burkey (LLNL), L. Heilbronn (UTK), P. Peplowski (JHUAPL) - Cisco WebEx (14:45 - 18:00)

time	[id] title	presenter
14:45	[30] Call to order/brief introduction by co-chairs	HEILBRONN, Lawrence BURKEY, Mary PEPLOWSKI, Patrick
14:50	[31] Opening Thoughts and Priorities	
15:10	[32] Experimental cross sections needed for space radiation protection	LUONI, Francesca
15:22	[33] Neutron Energy Effects on Asteroid Deflection	HORAN, Lansing
15:34	[34] Nuclear Data Needs for the Space-based Nuclear Detonation Detection Community	GERTZ, David
15:46	[73] Discussion	HEILBRONN, Lawrence BURKEY, Mary PEPLOWSKI, Patrick
16:25	[35] Planetary Nuclear Spectroscopy	PRETTYMAN, Thomas
16:37	[36] Inelastic Spectroscopy for Subsurface Exploration	MAUBORGNE, Marie-Laure
16:49	[37] Nuclear Data Needs for Advanced Thermionic Energy Conversion in Space	LO, Austin
17:01	[38] Space Reactors	REARDEN, Bradley
17:13	[74] Discussion	HEILBRONN, Lawrence BURKEY, Mary PEPLOWSKI, Patrick
17:40	[39] Concluding Thoughts	