

Solar Modulation and Dark Matter Workshop

Monday, November 15, 2021

Morning session:: Heliosphere modeling and cosmic rays propagation - Room D (10:30 AM - 12:50 PM)

-Conveners: Riccardo Munini

time	[id] title	presenter
10:30 AM	[30] Welcome and general information	MUNINI, Riccardo
10:40 AM	[28] Cosmic rays below 100 TeV in the Galaxy and the heliosphere	Prof. MOSKALENKO, Igor
11:20 AM	[5] Solar modulation theory and charge-sign dependent modulation.	Prof. MARIUS, Potgieter
12:00 PM	[7] Discussion	

Tuesday, November 16, 2021

Morning session:: Solar modulation measurements and models - Room D (2:30 PM - 4:30 PM)

-Conveners: Bernd Heber; Riccardo Munini

time	[id] title	presenter
2:30 PM	[11] Time dependent GCR intensity with PAMELA, AMS02 and Neutron Monitor measuraments	Dr KOLDOBSKY, Sergey
3:15 PM	[4] Real time monitoring of the radiation environment on the ISS with the AMS-02 detector	FALDI, Francesco
4:00 PM	[12] Discussion	

Wednesday, November 17, 2021

Morning session:: Indirect search for dark matter with low energy antinucleus - Room 205 (10:30 AM - 12:50 PM)

-Conveners: Fiorenza Donato

time	[id] title	presenter
10:30 AM	[16] Current Status of the GAPS experiment:	Prof. HAILEY, Chuck
11:15 AM	[17] How solar modulation impacts indirect search of dark matter with low energy antinuclei	BOEZIO, Mirko
12:00 PM	[18] Discussion	

Thursday, November 18, 2021

Morning session:: Propagation of cosmic rays in the galaxy and experimental measurements - Room D (10:30 AM - 12:50 PM)

-Conveners: Carmelo Evoli

time	[id] title	presenter
10:30 AM	[22] Implications of Li to O data of AMS-02 on our understanding cosmic-ray propagation	Dr KORSMAIER, Michael
11:15 AM	[23] Unified Picture of Galactic CR Transport	SCHROER, Benedikt
12:00 PM	[24] Discussion	