

Hadronic Interactions with Cosmic-ray Workshop

Monday, 13 April 2026

Afternoon session - Tsung-Dao Lee Institute/N4F-N400 - meeting room (13:45 - 18:30)

time	[id] title	presenter
13:45	[7] Opening	
14:00	[8] Precise Measurement of Cosmic-Ray Nuclei Energy Spectra and Nuclear Interaction Cross-Sections using AMS	XU, Weiwei
14:50	[9] Measurement of Hadronic Cross Sections in Space with the DAMPE experiment	WEI, Yifeng
15:40	[10] Coffee break	
16:00	[11] Measurement of Cosmic-Ray Nuclei and Nuclear Interaction Cross-Sections with HERD	LI, Zuhao
16:50	[12] The Very Large Area gamma-ray Space Telescope (VLAST)	YUE, Chuan
17:40	[13] A Study of Secondary Particle Distributions in Low Earth Orbit Based on a GEANT4 Simulation	CHEN, Long

Tuesday, 14 April 2026

Afternoon session - Tsung-Dao Lee Institute/N4F-N400 - meeting room (14:00 - 17:45)

time	[id] title	presenter
14:00	[18] EPOS.LHC-R	PIÉROG, Tanguy
14:50	[19] Heavy-Flavor Production in High-Energy Proton—Proton, Proton—Nucleus, and Nucleus—Nucleus Collisions within the EPOS4 Framework	ZHAO, Jiaying
15:40	[20] Coffee break	
16:00	[21] QGSJET-III model: basic formalism and extension for charmed hadron production	OSTAPCHENKO, Sergey
16:50	[22] MCEq Update: New Hadronic Interaction Models and Future Directions	FRÖSE, Stefan

Wednesday, 15 April 2026

Afternoon session - Tsung-Dao Lee Institute/N4F-N400 - meeting room (14:00 - 17:45)

time	[id]	title	presenter
14:00	[27]	Antinuclei production in heavy-ion collisions	CHEN, Jinhui
14:50	[28]	Glauber modeling and particle production in high energy nuclear collisions	KE, Weiyao
15:40	[29]	Coffee break	
16:00	[30]	Jet transport through a color-deconfined nuclear medium	CAO, Shanshan
16:50	[31]	TBC	XIE, Keping

Thursday, 16 April 2026

Afternoon session - Tsung-Dao Lee Institute/N4F-N400 - meeting room (14:00 - 17:40)

time	[id]	title	presenter
14:00	[36]	Heavy Ion Collisions: Soft Probes	CHEN, Zhenyu
14:50	[37]	Heavy Ion Collisions: Hard Probes	ZHANG, Xiaoming
15:40	[38]	Coffee break	
16:00	[39]	TBC	
16:50	[40]	The unique fixed-target physics program with LHC beams for cosmic-ray physics	GRAZIANI, Giacomo

Friday, 17 April 2026

Afternoon session - Tsung-Dao Lee Institute/N4F-N400 - meeting room (13:45 - 17:45)

time	[id]	title	presenter
14:00	[46]	Summary: Space and high-altitude experiment	
14:15	[47]	Summary: Collider experiment	
14:30	[48]	Summary: Underground experiment	
14:45	[49]	Summary: Theory	
15:00	[50]	Summary: Hadronic interaction modeling	
15:15	[51]	Coffee break	
15:30	[52]	Workshop discussion	