

Brookhaven Forum 2023 Advancing Searches for New Physics (BF2023)

Wednesday, 4 October 2023

Plenary (09:00 - 12:00)

-Conveners: Viviana Cavaliere; Sally Dawson

time	[id] title	presenter
09:00	[2] Recent BSM results from ATLAS and CMS	SFAR, Haifa Rejeb
09:40	[3] Recent SM results (including Higgs) from ATLAS and CMS	ASBAH, Nedaa-Alexandra Asbah
10:20	Coffee Break	
10:40	[7] Charged Lepton Flavor Violation and the Mu2e Experiment	BERNSTEIN, Robert
11:20	[13] Future Colliders	GONSKI, Julia

Thursday, 5 October 2023

Plenary (09:00 - 12:40)

-Conveners: Hooman Davoudiasl

time	[id] title	presenter
09:00	[6] Recent advances in flavor physics	BORDONE, Marzia
09:40	[12] Precision predictions: lightcone expansion beyond NLP	JASKIEWICZ, Sebastian
10:20	Coffee Break	
10:40	[10] (Machine) Learning of Dark Matter around the Milky Way	NECIB, Lina
11:20	[9] Dark matter cosmology	GLUSCEVIC, Vera
12:00	[8] The search for sub-GeV dark matter	LIN, Tongyan

Friday, 6 October 2023

Plenary (09:00 - 12:00)

-Conveners: Vera Gluscevic; Chao Zhang

time	[id] title	presenter
09:00	[4] Building non-vanilla QCD axion models and Perspectives on DEI from an American Scientist in Germany	YU, Felix
09:40	[5] Physics with neutrinos at a Large Hadron Collider Forward Physics Facility	RENO, Mary Hall
10:20	Coffee Break	
10:40	[14] Neutrinos at 67	BARENBOIM, Gabriela
11:20	[15] Current and Future Neutrino Experiments	DWYER, Daniel