

Genesis Preparation Workshop for 13 and 14

Tuesday, 31 March 2026

14A Foundation Models of Particle Interactions and Cosmic Physics (HEP, NP) - Kolker Room Zoom

link: <https://mit.zoom.us/j/3330043982> (13:30 - 14:50)

-Conveners: Or Hen; Boleslaw Wyslouch; Richard (Rick) Peterson

time	[id] title	presenter
13:30	[3] Building a Trustable Foundation Model for Collider Physics	THALER, Jesse
13:50	[4] Charting the Inner Darkness: AI-Driven Dark Matter Density Profiles Across Cosmic Scales	NECIB, Lina
14:10	[5] AI-Driven Discovery Tools for a Next Generation of Galaxy Surveys	IVANOV, Mikhail
14:30	[12] FM4NPP: A Scaling Foundation Model for Nuclear and Particle Physics	ROLAND, Gunther