

Rising Stars in Experimental Particle Physics Symposium

Wednesday, September 22, 2021

Rising Stars Presentations: Morning Session (10:00 AM - 12:35 PM)

-Conveners: David Miller

time	[id] title	presenter
10:00 AM	[1] Neutrinos and Neural Networks	MICALLEF, Jessie
10:25 AM	[2] Probing dark sectors with the Higgs Boson	WEBER, Christian
10:50 AM	[3] WIMP Hunting in the Black Hills: The LZ Dark Matter Experiment	SHAW, Sally
11:15 AM	Coffee / Tea / Water Break	
11:30 AM	[4] MicroBooNE: Searching for nu-Physics with LArTPC	JO, Jay Hyun
11:55 AM	[5] Off the Beaten Track: Unconventional Searches at the LHC	DI PETRILLO, Karri Folan
12:20 PM	Discussion with Speakers	

Rising Stars Presentations: Afternoon Session (1:45 PM - 4:20 PM)

-Conveners: Young-Kee Kim

time	[id] title	presenter
1:45 PM	[6] Winds of change in the search for wave-like dark matter	BARTRAM, Chelsea
2:10 PM	[7] Machine Learning Based Anomaly Detection at the LHC	AMRAM, Oz
2:35 PM	[8] Muon g-2 experiment: first results and future prospects	BINNEY, Hannah
3:00 PM	Coffee / Tea / Water Break	
3:15 PM	[9] Tools for Discovery at High Energy Colliders	GONSKI, Julia
3:40 PM	[10] SBND-PRISM: Sampling Multiple Off-Axis Neutrino Fluxes with the Same Detector	DEL TUTTO, Marco
4:05 PM	Discussion with Speakers	

Thursday, September 23, 2021

Rising Stars Presentations: Morning Session (10:00 AM - 12:45 PM)

-Conveners: David Schmitz

time	[id] title	presenter
10:00 AM	[11] Searching for Sterile Neutrinos at IceCube	DIAZ, Alejandro
10:25 AM	[12] Uncovering New Massive Particles through Boosted Object Tagging at the LHC	Dr BONILLA, Johan
10:50 AM	[13] Exploring the neutrino sector with long-baseline experiments	VALLARI, Zoya
11:15 AM	Coffee / Tea / Water Break	
11:40 AM	[14] Searching for rare Higgs processes with the CMS detector	DUTTA, Irene
12:05 PM	[15] Accelerator Driven Dark Sector Probes	PEETS, Emrys
12:25 PM	Discussion with Speakers	

Rising Stars Presentations: Afternoon Session (1:45 PM - 2:50 PM)

-Conveners: Mel Shochet

time	[id] title	presenter
1:45 PM	[16] Critical Measurements and Technological Advancements on the path to DUNE	GRAMPELLINI, Elena
2:10 PM	[17] Mu2e: The Muon-to-Electron Conversion Experiment at Fermilab	MIDDLETON, Sophie
2:35 PM	Discussion with Speakers	