



# First MODE Workshop on Differentiable Programming

## Tuesday, 7 September 2021

### Applications in Nuclear Physics - Auditorium CYCL-01 (11:35 - 13:40)

-Conveners: Gian Michele Innocenti

time	[id] title	presenter
11:35	[14] DNN for distortion fluctuation calibration of ALICE TPC	KABUS, Maja
11:55	Discussion	
12:00	[15] Neural networks for jet-energy subtraction in heavy-ion collisions	HAVENER, Laura Brittany
12:20	Discussion	
12:25	[18] Deep learning stochastic processes with QCD phase transition	WANG, Lingxiao
12:45	Discussion	
12:50	[17] Machine Learning Applications for CBM at FAIR	KHAN, Shahid
13:10	Discussion	
13:15	[16] In-medium heavy-quark interaction via deep learning	SHI, Shuzhe
13:35	Discussion	