

ML4Jets2022**Wednesday 2 November 2022****Generative Models -- Detector Level - Multipurpose Room (aka Livingston Hall) (14:15 - 16:00)****-Conveners: Ramon Winterhalder; Kevin Pedro**

time	[id] title	presenter
14:15	[85] Introduction to Generative Models for Fast Detector Simulation	Dr KRAUSE, Claudius
14:40	[71] AtlFast3, the new ATLAS fast simulation tool	FAUCCI GIANNELLI, Michele
15:00	[70] CaloFlow for CaloChallenge	PANG, Ian PANG, Yi En Ian
15:20	[2] Score-based Generative Models for Calorimeter Shower Simulation	MIKUNI, Vinicius Massami
15:40	[37] CaloMan: Fast generation of calorimeter showers with density estimation on learned manifolds	CRESSWELL, Jesse

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time	[id] title	presenter
16:30	[29] Generative Models for Fast Simulation of Electromagnetic and Hadronic Showers in Highly Granular Calorimeters	DIEFENBACHER, Sascha Daniel
16:50	[56] Fast calorimeter simulation with VQVAE	SHIMMIN, Chase Owen
17:10	[19] IEA-GAN: Intra-Event Aware GAN with Relational Reasoning for the Fast Detector Simulation	HASHEMI, Hosein Dr HARTMANN, Nikolai
17:30	[87] Discussion	