

3rd IML Machine Learning Workshop

Wednesday 17 April 2019

Submitted contributions: Session 3 - 500/1-001 - Main Auditorium (09:00-12:30)

-Conveners: Paul Seyfert; Lorenzo Moneta

| time | [id] title | presenter |
|-------|--|--------------------------|
| 09:00 | [19] Daily announcements | |
| 09:05 | [50] Applying Generative Models to Scientific Research | RATNIKOV, Fedor |
| 09:35 | [47] DijetGAN: A Generative-Adversarial Network Approach for the Simulation of QCD Dijet Events at the LHC | PALAZZO, Serena |
| 09:55 | [45] High Granularity Calorimeter Simulation using Generative Adversarial Networks | KHATTAK, Gul Rukh |
| 10:15 | [41] Deep generative models for fast shower simulation in ATLAS | GHOSH, Aishik |
| 10:35 | Coffee break | |
| 11:05 | [46] Fast Simulation Using Generative Adversarial Network in LHCB | MAEVSKIY, Artem |
| 11:25 | [22] Model-Assisted GANs for the optimisation of simulation parameters and as an algorithm for fast Monte Carlo production | Mr ALONSO MONSALVE, Saul |
| 11:45 | [38] Event Generation and Statistical Sampling with Deep Generative Models | OTTEN, Sydney |
| 12:05 | [29] LUMIN - a deep learning and data science ecosystem for high-energy physics | STRONG, Giles Chatham |