

Milan Christmas Meeting 2023

Wednesday 20 December 2023

main (14:30 - 16:00)

time	[id] title	presenter
14:30	[25] Learning Feynman integrals from differential equations with neural networks	ZOIA, Simone
15:00	[15] The three loop amplitude for V+jet production	MELLA, Cesare Carlo
15:30	[10] Auxiliary mass flow method for master integrals around non-analytic points	FONTANA, Gaia

main (16:30 - 18:00)

time	[id] title	presenter
16:30	[7] Towards a framework for GPU event generation	Dr CRUZ MARTINEZ, Juan M.
17:00	[18] Full-stack Quantum Machine Learning for High Energy Physics	ROBBIATI, Matteo
17:30	[8] Evaluating Neural Network Uncertainty Estimation with Inconsistent Training Data	DE CRESCENZO, Giovanni

Thursday 21 December 2023

main (09:30 - 11:00)

time	[id] title	presenter
09:30	[19] Lepton-proton scattering at NNLO with McMule	ROCCO, Marco
10:00	[17] Polarised-boson pairs at the LHC with NLOPS accuracy	PELLICCIOLI, Giovanni
10:30	[13] EW logarithms in OpenLoops	MAI, Lorenzo

main (11:30 - 12:30)

time	[id] title	presenter
11:30	[1] Two-loop master integrals for top quark pair plus a jet production	BECCHETTI, Matteo
12:00	[6] p-adic reconstruction of rational functions in multi-loop calculations	CHAWDHRY, Herschel

main (14:30 - 16:00)

time	[id] title	presenter
14:30	[4] On the approaches to threshold resummation of rapidity distributions for the Drell-Yan process	BONVINI, Marco
15:00	[26] Towards efficient N3LO predictions: Power Corrections for 0-jettiness Subtractions at N3LO	VITA, Gherardo
15:30	[12] Subleading power corrections for event shape variables in e+e- annihilation	GUADAGNI, Flavio

main (16:30 - 18:00)

time	[id] title	presenter
16:30	[14] The Colourful Antenna Subtraction method (maybe)	MARCOLI, Matteo
17:00	[21] Local Analytic Sector Subtraction: NNLO subtraction for any massless final state	SIGNORILE-SIGNORILE, Chiara SIGNORILE-SIGNORILE, Chiara SIGNORILE-SIGNORILE, Chiara
17:30	[22] A fresh look at the nested soft-collinear subtraction scheme: NNLO QCD corrections to N-gluon final states in quark-anti-quark annihilation	TAGLIABUE, Davide Maria

Friday 22 December 2023

main (09:30 - 11:00)

time	[id] title	presenter
09:30	[2] Higgs production via bottom fusion in MiNNLOPS	BIELLO, Christian BIELLO, Christian
10:00	[3] Heavy Quark Fragmentation to NNLO+NNLL Accuracy in Perturbative QCD in e+e- Collisions	BONINO, Leonardo
10:30	[11] A consistent resummation of mass and soft logarithms in processes with heavy flavours	GHIRA, Andrea

main (11:30 - 13:00)

time	[id] title	presenter
11:30	[5] Higgs+jet at the LHC: from hybrid factorization to NLL/NLO	Dr CELIBERTO, Francesco Giovanni
12:00	[20] Entanglement of top quarks	SEVERI, claudio
12:30	[9] Dark Matter annihilation and quasi-bound states	DE ROS, Lorenzo

main (14:30 - 16:00)

time	[id] title	presenter
14:30	[23] On top of the ALPs	TENTORI, Simone
15:00	[24] Diboson production at FCC-ee and impact on global fits	CELADA, Eugenia
15:30	[27] Higher order QCD corrections to the gluon-induced associated production of a Higgs and a Z boson at the LHC	MEONI, Simone MEONI, Simone