

23rd MCnet Meeting

Monday 6 December 2021

Student talks / Discussion topic - Niels Bohr Common Room, 6th Floor Schuster Building (15:40 - 17:40)

time	[id] title	presenter
15:40	[90] The K^*/K ratio in heavy ion collisions	LE ROUX, Chiara
16:00	[84] Subleading high-energy logarithms and NLO accuracy for $W + \text{jets}$	BYRNE, Emmet
16:20	[94] Towards discrimination and improved modelling of dark-sector showers	SINHA, Sukanya
16:40	[89] Photoproduction events in Sherpa	MEINZINGER, Peter
17:00	[93] Recent updates in LHAPDF	KNOBBE, Max

Tuesday 7 December 2021

Student talks / Discussion topic - Niels Bohr Common Room, 6th Floor Schuster Building (09:00 - 10:30)

time	[id] title	presenter
09:00	[85] Sherpa status report	Dr REICHELDT, Daniel
09:30	[81] PYTHIA status report	BIERLICH, Christian
10:00	[83] Herwig 7 status report	KIRCHGAESSER, Patrick

Student talks / Discussion topic - Niels Bohr Common Room, 6th Floor Schuster Building (11:00 - 12:30)

time	[id] title	presenter
11:00	[74] String interactions in PYTHIA8/Angantyr	CHAKRABORTY, Smita
11:25	[88] Searches for new interactions within the SMEFT framework	MANTANI, Luca
11:50	[79] HEJ2+PYTHIA - Merging High Energy and Soft-Collinear Resummation	HASSAN, Hitham
12:10	[82] QED real corrections in the Sherpa event generator	FLOWER, Lois

Student talks / Discussion topic - Niels Bohr Common Room, 6th Floor Schuster Building (14:00 - 15:30)

time	[id] title	presenter
14:00	[80] MadGraph5_aMC@NLO: progress realised thanks to MCnet	MATTELAER, Olivier
14:30	[76] Rivet status report	BUCKLEY, Andy
15:00	[77] Contur status report	BUTTERWORTH, Jonathan

Student talks / Discussion topic - Niels Bohr Common Room, 6th Floor Schuster Building (16:00 - 17:30)

time	[id] title	presenter
16:00	[78] Diboson production including NLO QCD and electroweak corrections	VILLANI, Simon Luca
16:25	[99] Hadronic Interactions at High and Low Energies	UTHEIM, Marius
16:50	[75] Berends-Giele recursion and a $1/N_c$ expansion in MadGraph	LIFSON, Andrew
17:10	[87] MadGraph-Rivet/Contur interface development	JEON, Si Hyun

Wednesday 8 December 2021

Student talks / Discussion topic - Niels Bohr Common Room, 6th Floor Schuster Building (09:00 - 10:20)

time	[id] title	presenter
09:00	[91] Preparing Sherpa for e+e-	PRICE, Alan
09:25	[95] Tackling the Uncertainties of Event Generators	GELLERSEN, Leif
09:50	[98] HEJ status report	ANDERSEN, Jeppe Rosenkrantz

Student talks / Discussion topic - Niels Bohr Common Room, 6th Floor Schuster Building (10:45 - 11:45)

time	[id] title	presenter
10:45	[86] Quarkonia showers in PYTHIA8	COOKE, Naomi
11:05	[96] Search for non-resonant di-Higgs searches in bb-gamma gamma channel in CMS experiment and diphoton modelling in Herwig	MUKHERJEE, Soumya
11:25	[97] Implementing BSM radiations to angular-ordered parton shower process in Herwig and searching for the signal in the CMS detector	LEE, Joon-Bin