



# QCD@LHC 2018

## Monday, August 27, 2018

### Monte Carlo and resummation - POT/151 (2:30 PM - 4:00 PM)

time	[id] title	presenter
2:30 PM	[112] Herwig 7 Status and Prospects	SIODMOK, Andrzej Konrad
3:00 PM	[112] The automation of next-to-leading order electroweak calculations in MadGraph5_aMC@NLO	PAGANI, Davide
3:30 PM	[114] SHERPA: where we are and what's next	BOTHMANN, Enrico

### Monte Carlo and resummation: Joint with PDFs, \_\_\_\_\_ and soft QCD - POT/81 (4:30 PM - 6:00 PM)

-Conveners: Josh McFayden; Steffen Schumann; S. Moch; Simon Platzer; Stefano Camarda

time	[id] title	presenter
4:30 PM	[105] Effects of parton shower and underlying event modelling in Higgs measurements and searches	SOUSA, Mario Jose
4:50 PM	[104] MC tunes for Run 2 of the LHC and beyond (HL-LHC)	KUHL, Thorsten

# Tuesday, August 28, 2018

## Monte Carlo and resummation - POT/151 (2:30 PM - 4:00 PM)

time	[id] title	presenter
2:30 PM	[M07] Beyond NLL	DREYER, Frederic Alexandre
2:52 PM	[M49] Direct space resummation for Higgs and Drell-Yan at N3LL	Mr BIZON, Wojciech
3:14 PM	[M13] High-energy resummation for the background to weak boson fusion	MAIER, Andreas
3:36 PM	[M08] Higgs	MARZANI, Simone

## Monte Carlo and resummation - POT/151 (4:30 PM - 6:00 PM)

time	[id] title	presenter
4:30 PM	[M06] Colour Matrix Element Corrections	SJODAHL, Malin
4:52 PM	[M4] Soft Gluon Evolution and Colour Reconnection	KIRCHGAESSER, Patrick
5:14 PM	[M10] Using Pseudo-Dipoles for Resonance-Aware NLO-Subtraction	LIEBSCHNER, Sebastian
5:36 PM	[M00] Next-to-leading power correction in particle scattering near threshold	Dr VERNAZZA, Leonardo

# Thursday, August 30, 2018

## Monte Carlo and resummation - POT/151 (2:30 PM - 4:00 PM)

time	[id] title	presenter
2:30 P	[M03] Shower Variations and Tuning	SIODMOK, Andrzej Konrad
2:52 P	[M04] Parton Shower Cutoff and the Heavy Quark Mass Parameter	HOANG, Andre
3:14 P	[M05] PS vs Resummation	REICHEL, Daniel
3:36 P	[M06] Matching and merging with massive $b$ -quarks	KRAUSE, Johannes

## Monte Carlo and resummation - POT/151 (4:30 PM - 6:00 PM)

time	[id] title	presenter
4:30 P	[M01] Massive bottom quark effect in Drell-Yan $P_T$ spectrum	GOUTAM, Das
4:52 P	[M09] Non-global Logarithms beyond Leading Colour	DEANGELIS, Matthew
5:14 P	[M0] Automated calculation of two-loop soft functions in SCET	RAHN, Rudi
5:36 P	[M0] Resummation of Non-global Logarithms in Effective Field Theory	Dr SHAO, Dingyu