High Precision for Hard Processes (HP2 2024)

Tuesday, 10 September 2024

Electroweak and Higgs Physics, EFT and BSM - Room C2 (11:00 - 12:40)

  -Conveners: Paolo Torrielli

time	[id] title	presenter
11:00	[6] Two-loop mixed QCD-EW corrections to charged-current Drell-Yan	ARMADILLO, Tommaso
11:25	[38] Light by Light Scattering at NLO in QCD+QED	Dr ABDUL HAMEED, Ajjath
11:50	[14] On the Electron Self-Energy to Three Loops in Quantum Electrodynamics	GASPAROTTO, Federico
12:15	[9] AsyInt for massive two-loop four-point integrals at high energies	ZHANG, Hantian

Electroweak and Higgs Physics, EFT and BSM - Room C2 (14:30 - 16:35)

  -Conveners: Colomba Brancaccio

time	[id] title	presenter
14:30	[55] Yukawa- and Higgs self-coupling corrections to di-Higgs production	VESTNER, Augustin
14:55	[23] Analytic results for double Higgs production at the LHC	SCHÖNWALD, Kay
15:20	[26] Anomalous Couplings in Higgs plus Jet Production	CAMPILLO, Benjamin
15:45	[21] High precision in Drell-Yan and electroweak input schemes	DEL PIO, Clara Lavinia
16:10	[77] Two-loop amplitudes for W-boson production in association with two photons at the LHC	HARTANTO, Heribertus Bayu

Thursday, 12 September 2024

Electroweak and Higgs Physics, EFT and BSM - Room C2 (11:00 - 12:40)

  -Conveners: Davide Napoletano

time	[id] title	presenter
11:00	[25] Electroweak logarithms in OpenLoops	MAI, Lorenzo
11:25	[27] NLO corrections to tri-boson production in the WZjj channel	LOMBARDI, Daniele
11:50	[32] Precision predictions in the gauge and scalar sectors of the super weak extension of the standard model	TROCSANYI, Zoltan
12:15	[76] SIMUnet: an open-source tool for simultaneous global fits of EFT Wilson coefficients and PDFs	COSTANTINI, Mark