

High Precision for Hard Processes (HP2 2022)

Tuesday, 20 September 2022

QCD - Great Hall (09:30 - 11:00)

time	[id] title	presenter
09:30	[7] Two-loop five-point amplitudes in massless QCD with finite fields	MOODIE, Ryan
10:00	[8] QCD corrections to 5-point scattering with an external mass	HARTANTO, Heribertus Bayu
10:30	[9] Non-planar two-loop corrections to $\bar{q}q \rightarrow \gamma\gamma\gamma$: finite remainders in the spinor-helicity formalism	DE LAURENTIS, Giuseppe DE LAURENTIS, Giuseppe DE LAURENTIS, Giuseppe

QCD - Turbinia Room (14:00 - 16:00)

time	[id] title	presenter
14:00	[20] Three-loop scattering amplitudes in full-colour QCD	GAMBUTI, Giulio GAMBUTI, Giulio
14:30	[21] Massive quark form factors at three loops	LANGE, Fabian
15:00	[22] Modern methods for multi-loop multi-scale amplitudes	AGARWAL, Bakul
15:30	[23] Color singlet decays at NNLO in MCFM	ASSI, Benoit

Wednesday, 21 September 2022

QCD - Turbinia Room (11:10 - 12:40)

time	[id] title	presenter
11:10	[36] ZH production in gluon fusion at NLO QCD	KERNER, Matthias
11:40	[37] Signal-background interference effects for Higgs-mediated diphoton production beyond NLO	DEVOTO, Federica
12:10	[38] NLO Renormalization of a Standard Model Extension by a Dark Abelian Sector	REHBERG, Jonas

Thursday, 22 September 2022

QCD - Carpathia Room (14:00 - 15:30)

time	[id] title	presenter
14:00	[71] Two-loop helicity amplitudes for W+photon+jet production	KRYS, Jakub
14:30	[72] Comparison of public codes for Drell-Yan processes at NNLO accuracy	KARDOS, Adam
15:00	[73] Exact non-singlet n_f^2 coefficient functions for Deep Inelastic Scattering at four loops	PELLONI, Andrea