



# High Precision for Hard Processes (HP2 2022)

## Tuesday, 20 September 2022

### Plenary - Great Hall (11:30 - 13:00)

time	[id] title	presenter
11:30	[5] LHC Precision Requirements	FARRINGTON, Sinead
12:15	[28] The $p_T$ distribution of Higgs production at next-to-leading order in $\alpha_s$	DEL DUCA, vittorio

### Plenary - Great Hall (16:30 - 18:00)

time	[id] title	presenter
16:30	[29] Some developments in higher order Renormalisation	HERZOG, Franz HERZOG, Franz
17:15	[80] Overview of NNLO QCD subtraction schemes	MELNIKOV, Kirill

# Wednesday, 21 September 2022

## Plenary - Great Hall (09:00 - 10:40)

time	[id] title	presenter
09:00	[6] Resummation in MCFM	ELLIS, Keith
09:40	[31] P-adic Numbers and Partial Fractions for Amplitudes	PAGE, Ben PAGE, Ben
10:10	[32] DiffExp and Feynman parameter integration	HIDDING, Martijn

## Plenary - Great Hall (14:45 - 15:15)

time	[id] title	presenter
14:45	[78] Scattering amplitudes and conservative binary dynamics for spinning black holes	KRAUS, Manfred

## Plenary - Great Hall (15:45 - 17:45)

time	[id] title	presenter
15:45	[30] Four loop photon quark and gluon Higgs form factors	STEINHAUSER, Matthias
16:20	[52] Overview of the calculation of two-loop multi-leg scattering amplitudes	ABREU, Samuel

# Thursday, 22 September 2022

## Plenary - Great Hall (09:00 - 10:30)

time	[id] title	presenter
09:00	[53] g-2 puzzles: a status update	TEUBNER, Thomas
09:30	[54] High precision at low energy: the case of MUonE	PICCININI, fulvio
10:00	[55] NNLO calculations for low-energy experiments	ULRICH, Yannick

## Plenary - Great Hall (16:00 - 17:30)

time	[id] title	presenter
16:00	[74] Overview of Parton Shower Developments	HOECHE, Stefan HOECHE, Stefan HÖCHE, Stefan
16:45	[75] Strongly-ordered infrared limits from factorisation	MAGNEA, Lorenzo