



# High Precision for Hard Processes (HP2 2024)

## Tuesday, 10 September 2024

### Methods for amplitudes and integrals - Room B3 (14:30 - 16:35)

-Conveners: Stefano Pozzorini

time	[id] title	presenter
14:30	[24] Analytic Waveforms in General Relativity from Scattering Amplitudes	BRUNELLO, Giacomo
14:55	[87] Locally finite two-loop amplitudes for multi Higgs production in gluon fusion	KARLEN, Julia
15:20	[3] Integrated Unitarity for Scattering Amplitudes	BARGIELA, Piotr
15:45	[54] Recent development of NeatIBP	WU, Zihao
16:10	-	

# Wednesday, 11 September 2024

## Methods for amplitudes and integrals - Room B3 (11:00 - 12:40)

-Conveners: Simone Zoia

time	[id] title	presenter
11:00	[50] Three-loop ladder diagrams with two off-shell legs	LONG, Ming-Ming
11:25	[20] Minimal set of variables and high-energy building blocks at high multiplicity	MO, Yuyu
11:50	[29] Five-parton scattering in the high-energy limit	BUCCIONI, Federico
12:15	[2] Master integrals for three-loop Higgs plus jet production	LIM, Jungwon

# Thursday, 12 September 2024

## Methods for amplitudes and integrals - Room B3 (11:00 - 12:40)

-Conveners: Simon David Badger

time	[id] title	presenter
11:00	[47] Polytope symmetries of Feynman integrals	DE LA CRUZ, Leonardo
11:25	[68] On the numerical evaluation of Feynman integrals for higher-order calculations	PRISCO, Renato Maria
11:50	[57] Tensor Reduction for high-rank multi-loop Integrals	TEALE, Sam
12:15	[79] Taming IBPs with Transverse Integration	FONTANA, Gaia

## Methods for amplitudes and integrals - Room B3 (14:30 - 16:35)

-Conveners: Matteo Becchetti

time	[id] title	presenter
14:30	[61] Two-loop amplitude reduction in the HELAC framework	SPOURDALAKIS, Aris
14:55	[35] The next major release of Kira	LANGE, Fabian
15:20	[42] Decomposing Feynman integrals with intersection numbers	CHESTNOV, Vsevolod
15:45	[71] Finite Feynman Integrals in Momentum and Parameter Space	NOVICHKOV, Pavel
16:10	[93] Baikov Package - A package for loop-by-loop Baikov Parametrization	FRELLESVIG, Hjalte Axel