

Session Program

Oct 5 - 9, 2026

High Precision for Hard Processes (HP2 2026)

Track 1 - Amplitudes (process-specific)

KIT, NTI Hörsaal, building 30.10
Engesserstr. 5, 76131 Karlsruhe

Thu, October 8

11:15 AM

Track 1 - Amplitudes (process-specific): Parallel Session V

Session | **Location:** KIT, Seminar room 6.1, building 30.23, Wolfgang-Gaede-Straße 1 | **Convener:** Bakar Chargeishvili

11:15 – 11:40 AM

On non-factorizable corrections to vector boson fusion Higgs production

Speaker

Linus Götzfried

11:40 AM – 12:05 PM

Analytic two-loop amplitudes for $t\bar{t}$ production at lepton colliders

Speaker

Ming-Ming Long

12:05 – 12:30 PM

Non-factorisable electroweak corrections at two-loop order

Speaker

Fazila Ahmadova

12:30 – 12:55 PM

Towards NNLO QED corrections to radiative return processes

Speakers

Mr Thomas Dave, Mr Pau Petit Rosas, William Torres Bobadilla

12:55 PM

4:15 PM

Track 1 - Amplitudes (process-specific): Parallel Session VI

Session | **Location:** KIT, Seminar room 6.1, building 30.23, Wolfgang-Gaede-Straße 1 | **Convener:** Simone Zoia

4:15 – 4:40 PM

Two-loop QCD corrections for Higgs plus two-jet production through gluon fusion

Speaker

Viktor Kuschke

4:40 – 5:05 PM

Analytic form of the elliptic master integrals for $gg \rightarrow hg$ at two loops

Speaker

Bakul Agarwal

5:05 – 5:30 PM

NLO corrections to inclusive $\bar{B} \rightarrow X_s \gamma$ decays at subleading power

Speaker

Riccardo Bartocci

5:30 – 5:55 PM

FeynGraph - A Modern High-Performance Feynman Diagram Toolkit

Speaker

Jens Braun

5:55 – 6:20 PM

Two-Loop Electroweak Renormalization in the Standard Model and NNLO Corrections to $H \rightarrow b\bar{b}$

6:20 PM

Speaker
Zhe Li