


Session Program

4-8 May 2026



The banner features a blue background with white particle physics diagrams, including Feynman diagrams and wavy lines representing particles. Two stylized human figures are shown in the foreground, one pointing towards the diagrams. A red triangle on the left contains the text 'MITP TOPICAL WORKSHOP'. On the right, the event title 'Electroweak Corrections at Current and Future Accelerators' is displayed, along with the dates 'May 4 - 8, 2026' and a URL: <https://indico.mitp.uni-mainz.de/event/438/>. The MITP logo (Mainz Institute for Theoretical Physics) is located in the bottom right corner of the banner.

MITP
TOPICAL
WORKSHOP

Electroweak Corrections at
Current and Future
Accelerators

May 4 - 8, 2026
<https://indico.mitp.uni-mainz.de/event/438/>

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Mainz Institute for
Theoretical Physics

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Electroweak Corrections at Current and Future Accelerators

Predictions for pseudo-observables

Mainz Institute for Theoretical Physics, Johannes Gutenberg University, 02.430
Staudingerweg 9 / 2nd floor, 55128 Mainz

Wednesday 6 May

09:30

Predictions for pseudo-observables

Session |

Location: Mainz Institute for Theoretical Physics, Johannes Gutenberg University, 02.430, Staudingerweg 9 / 2nd floor, 55128 Mainz

Convener: Stefan Weinzierl

09:30–10:00 Status of predictions for POs in the SM

Speaker

Giuseppe Degrossi

10:05–10:20 Massive multi-loop integrals -- analytical methods

Speaker

Dr Ekta Chaubey

10:30

11:00

Predictions for pseudo-observables

Session |

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Convener: Stefan Weinzierl

11:00–11:15 Massive multi-loop integrals -- numerical methods

Speaker

Johann Usovitsch

11:20–12:00 Discussion

12:00

14:00

Predictions for pseudo-observables

Session |

Location: Mainz Institute for Theoretical Physics, Johannes Gutenberg University, 02.430, Staudingerweg 9 / 2nd floor, 55128 Mainz

Convener: Dominik Stöckinger

14:00–14:30 Precision beyond the SM

Speaker

Sally Dawson

14:35–14:50 Higher-order corrections to Higgs observables

Speaker

Jian Wang

15:00

15:30

Predictions for pseudo-observables

Session |

Location: Mainz Institute for Theoretical Physics, Johannes Gutenberg University, 02.430, Staudingerweg 9 / 2nd floor, 55128 Mainz

Convener: Dominik Stöckinger

15:30–16:30 Discussion

16:30