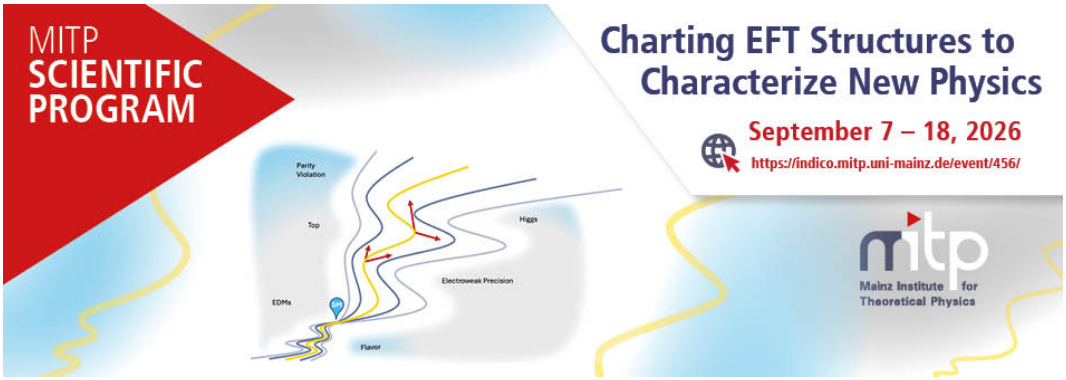
Session Program

7–18 Sept 2026



Charting EFT Structures to Characterize New Physics

Talk

MITP - Mainz Institute for Theoretical Physics, Johannes Gutenberg University Mainz, 2413/2-430 - MITP Seminar Room
Staudingerweg 9 / 2nd floor, 55128 Mainz

Monday 7 September

10:00

Talk: TBA (45'+15')

Session |
Location: MITP - Mainz Institute for Theoretical Physics, Johannes Gutenberg University Mainz, 2413/2-430 - MITP Conference Room, Staudingerweg 9 / 2nd floor, 55128 Mainz |

11:00

11:30

Talk: EFTs for extended scalar sectors (45'+15')

Session |
Location: MITP - Mainz Institute for Theoretical Physics, Johannes Gutenberg University Mainz, 2413/2-430 - MITP Conference Room, Staudingerweg 9 / 2nd floor, 55128 Mainz |

12:30

Tuesday 8 September

10:00

Talk: Scattering-Amplitude Methods in Effective Field Theory (45'+15')

Session |
Location: MITP - Mainz Institute for Theoretical Physics, Johannes Gutenberg University Mainz, 2413/2-430 - MITP Seminar Room, Staudingerweg 9 / 2nd floor, 55128 Mainz |

11:00

11:30

Talk: Automated counter-term computation: a focus on EW corrections in the SMEFT (15'+5')

Session |
Location: MITP - Mainz Institute for Theoretical Physics, Johannes Gutenberg University Mainz, 2413/2-430 - MITP Seminar Room, Staudingerweg 9 / 2nd floor, 55128 Mainz |

11:50

11:50

Talk: TBA (15'+5')

Session |
Location: MITP - Mainz Institute for Theoretical Physics, Johannes Gutenberg University Mainz, 2413/2-430 - MITP Seminar Room, Staudingerweg 9 / 2nd floor, 55128 Mainz |

12:10

12:10

Talk: The Spurion Massive EFT (15'+5')

Session |
Location: MITP - Mainz Institute for Theoretical Physics, Johannes Gutenberg University Mainz, 2413/2-430 - MITP Seminar Room, Staudingerweg 9 / 2nd floor, 55128 Mainz |

12:30

Wednesday 9 September

10:00

Talk: An all-order Higgs-spurion analysis for the SMEFT (45'+15')

Session |
Location: MITP - Mainz Institute for Theoretical Physics, Johannes Gutenberg University Mainz, 2413/2-430 - MITP Conference Room, Staudingerweg 9 / 2nd floor, 55128 Mainz |

11:00

11:30

Talk: Modifying the Yukawa couplings in the Standard Model Effective Field Theory (15'+5')

Session |
Location: MITP - Mainz Institute for Theoretical Physics, Johannes Gutenberg University Mainz, 2413/2-430 - MITP Conference Room, Staudingerweg 9 / 2nd floor, 55128 Mainz |

11:50

11:50

Talk: Characterizing LHC resonances in extended HEFT (15'+5')

Session |
Location: MITP - Mainz Institute for Theoretical Physics, Johannes Gutenberg University Mainz, 2413/2-430 - MITP Conference Room, Staudingerweg 9 / 2nd floor, 55128 Mainz |

12:10

Thursday 10 September

10:00

Talk: EFT for global analysis of EDM (preliminary title, 45'+15')

Session |
Location: MITP - Mainz Institute for Theoretical Physics, Johannes Gutenberg University Mainz, 2413/2-430 - MITP
Convener: Prof. Skyler Degenkolb | Staudingerweg 9 / 2nd floor, 55128 Mainz |

11:00

11:30

Talk: Two-loop SMEFT RGEs (45'+15')

Session |
Location: MITP - Mainz Institute for Theoretical Physics, Johannes Gutenberg University Mainz, 2413/2-430 - MITP
Convener: Prof. Andreas Eberhardt | Staudingerweg 9 / 2nd floor, 55128 Mainz |

12:30

Friday 11 September

10:00

Talk: From Operators to Observables: SmeftFR as an Engine for SMEFT Phenomenology (45'+15')

Session |
Location: MITP - Mainz Institute for Theoretical Physics, Johannes Gutenberg University Mainz, 2413/2-430 - MITP
Convener: Prof. Athanasios Dedes | Johannes Gutenberg 9 / 2nd floor, 55128 Mainz |

11:00

11:30

Talk: EFT matching with several UV scales: a new on-shell approach and magic zeros (45'+15')

Session |
Location: MITP - Mainz Institute for Theoretical Physics, Johannes Gutenberg University Mainz, 2413/2-430 - MITP
Convener: Prof. Stefano Di Vita | Johannes Gutenberg 9 / 2nd floor, 55128 Mainz |

12:30

Monday 14 September

10:00

Talk: Busy Signals: SMEFT and ALP EFT at the Collider Frontier (45'+15')

Session |
Location: MITP - Mainz Institute for Theoretical Physics, Johannes Gutenberg University Mainz, 2413/2-430 - MITP Conference Room, Staudingerweg 9 / 2nd floor, 55128 Mainz |

11:00

11:30

Talk: On-shell amplitudes and EFT (45'+15')

Session |
Location: MITP - Mainz Institute for Theoretical Physics, Johannes Gutenberg University Mainz, 2413/2-430 - MITP Conference Room, Staudingerweg 9 / 2nd floor, 55128 Mainz |

12:30

Tuesday 15 September

10:00

Talk: Operator basis for EFT: EoM vs FR (45'+15')

Session |

Location: MITP - Mainz Institute for Theoretical Physics, Johannes Gutenberg University Mainz, 2413/2-430 - MITP Conference Room, Staudingerweg 9 / 2nd floor, 55128 Mainz |

11:00

11:30

Talk: Sneaky Dark Matter and Dark Shower (45'+15')

Session |

Location: MITP - Mainz Institute for Theoretical Physics, Johannes Gutenberg University Mainz, 2413/2-430 - MITP Conference Room, Staudingerweg 9 / 2nd floor, 55128 Mainz |

12:30

Wednesday 16 September

10:00

Talk: Indirect Probes of New Physics with HEFT (45'+15')

Session |
Location: MITP - Mainz Institute for Theoretical Physics, Johannes Gutenberg University Mainz, 2413/2-430 - MITP Conference Room, Staudingerweg 9 / 2nd floor, 55128 Mainz |

11:00

11:30

Talk: Universal SMEFT (45'+15')

Session |
Location: MITP - Mainz Institute for Theoretical Physics, Johannes Gutenberg University Mainz, 2413/2-430 - MITP Conference Room, Staudingerweg 9 / 2nd floor, 55128 Mainz |

12:30

Thursday 17 September

10:00

Talk: Linking Matchete to MadGraph (45'+15')

Session |

Location: MITP - Mainz Institute for Theoretical Physics, Johannes Gutenberg University Mainz, 2413/2-430 - MITP Conference Room, Staudingerweg 9 / 2nd floor, 55128 Mainz |

Convener: Prof. Felix Wilsch

11:00

11:30

Talk: TBA (45'+15')

Session |

Location: MITP - Mainz Institute for Theoretical Physics, Johannes Gutenberg University Mainz, 2413/2-430 - MITP Conference Room, Staudingerweg 9 / 2nd floor, 55128 Mainz |

Convener: Dr. Ma, Yan-Qing

12:30

Friday 18 September

10:00

Talk: Eikonal Phases in Photon Scattering off a Kerr Black Hole in Einstein-Maxwell Effective Field Theory (45'+15')

Session |
Location: MITP - Mainz Institute for Theoretical Physics, Johannes Gutenberg University Mainz, 2413/2-430 - MITP Conference Room, Staudingerweg 9 / 2nd floor, 55128 Mainz |

11:00

11:30

Talk: Exploring Precision Physics at Future Colliders (45'+15')

Session |
Location: MITP - Mainz Institute for Theoretical Physics, Johannes Gutenberg University Mainz, 2413/2-430 - MITP Conference Room, Staudingerweg 9 / 2nd floor, 55128 Mainz |

12:30