

Session Program

2-6 Jun 2025

Higgs and Effective Field Theory - HEFT 2025

Tools / Amplitudes

CERN, 503/1-001 - Council Chamber

Friday 6 June

09:00

Tools / Amplitudes

Session | Location: CERN, 503/1-001 - Council Chamber | Convener: Marc Riembau

09:00–09:15

OperatorToC++: Transpiling Matched EFT Coefficients to Low-Level Routines

Speaker

Suraj Prakash

09:20–09:35

ABC4EFT: Amplitude Basis Construction and Automated Basis Conversion for Effective Field Theories

Speaker

Zhe Ren

09:40–09:55

Triple Higgs boson production in EFTs from on-shell amplitude techniques

Speaker

Michał Rychkowski

10:00–10:15

Bootstrapping the Chiral-Gravitational Anomaly

Speaker

Prof. Teng Ma

10:20