

**Session Program**

**14-19 Apr 2024**

**Loops and Legs in Quantum Field Theory**

***Plenary 1***

Wittenberg  
Germany

# Monday 15 April

09:00

## Plenary 1

**Session** | **Location:** Martin Luther | **Convener:** Peter Marquard

09:00–09:30

### NNLO corrections to Z+H production at lepton colliders

#### Speaker

Ayres Freitas

09:30–10:00

### Renormalization of the Dark Abelian Sector Model and Predictions for the W-boson mass

#### Speaker

Heidi Rzehak

10:00–10:30

### Top-Bottom Interference Contribution to Fully-Inclusive Higgs Production

#### Speaker

Marco Niggetiedt

10:30

11:00

## Plenary 1

**Session** | **Location:** Martin Luther | **Convener:** Peter Marquard

11:00–11:30

### Analytic third-order QCD corrections to top-quark and semileptonic $b \rightarrow u$ decays

#### Speaker

Jian Wang

11:30–12:00

### Taming the N3LO correction to semileptonic $b \rightarrow u$ decay

#### Speaker

Matteo Fael

12:00–12:30

### Non-Planar Two-Loop Amplitudes for Five-Parton Scattering

#### Speaker

Giuseppe De Laurentis

12:30