

## **Session Program**

**Oct 7 - 9, 2024**



# **Fall Bonn HEP Meeting 2024: Embracing Diversity in High Energy Physics**

## ***Short talks***

Bethe Center, Wegelerstr. 10 - Seminar Room 2.019 - 53115 Bonn

# Mon, October 7

10:45 AM

## Short talks

**Session** | **Location:** Bethe Center, Wegelerstr. 10 - Seminar Room 2.019 - 53115 Bonn

10:45 - 11:10 AM **Analytical calculations for Wttbar production at NLO**

**Speaker**

Sara Ditsch

11:10 - 11:35 AM **3 loops 4 cuts: towards N3LO RRR antenna functions**

**Speaker**

Gaia Fontana

11:35 AM - 12:00 PM **Geometry in Feynman integrals**

**Speaker**

Sara Maggio

12:00 - 12:25 PM **From Quantum Uncertainty to Classical Spinning Black Holes**

**Speaker**

Nathan Moynihan

12:25 - 12:50 PM **The Double Copy: A Duality for Particles and Gravity**

**Speaker**

Kymani Armstrong-Williams

1:00 PM

## Tue, October 8

10:30 AM

### Short talks

**Session** | **Location:** Bethe Center, Wegelerstr. 10 - Seminar Room 2.019 - 53115 Bonn

10:30 - 10:55 AM **Inclusive Semileptonic Decay of the  $D_s$  Meson from Lattice QCD**

**Speaker**

Christiane Gross

10:55 - 11:20 AM **AI Alignment: Problem of Diversity & Physics**

**Speaker**

Phillip Kreer

11:20 - 11:45 AM

**Probing the QGP: Recent Advances in Heavy-Flavour Physics with ALICE at the LHC**

**Speaker**

Samrangy Sadhu

11:45 AM - 12:10 PM **Higgs portal long-lived particle searches at the FCC-hh**

**Speaker**

Rhitaja Sengupta

12:10 - 12:35 PM **Tensor Reduction for high-rank multi-loop Integrals**

**Speaker**

Sam Teale

1:00 PM