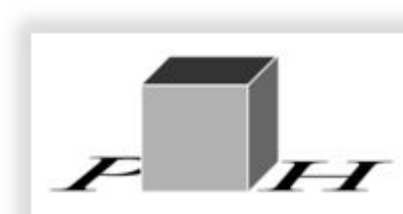


Session Program

May 26 - 28, 2021



Annual Meeting of the CRC TRR 257 Young Scientists Forum

Wed, May 26

5:00 PM

Young Scientists Forum: Part 1

Session |**Location:** <https://rwth.zoom.us/j/92400850622?pwd=NFpCY2dUR1B6eG9HbDZEaU1mWTlWdz09> Meeting ID: 924 0085 0622 Passcode: 810783 |**Conveners:** Martin Gabelmann, Elias Bernreuther, Oscar Cata

17:00 – 17:20

NLO QCD corrections for off-shell $t\bar{t}b\bar{b}$

Speaker

Michele Lupattelli

17:20 – 17:40

$t\bar{t}W$: Correlations and Asymmetries

Speaker

Jasmina Nasufi

17:40 – 18:00

NNLO QCD corrections to the B-meson mixing

Speaker

Vladyslav Shtabovenko

6:00 PM

Thu, May 27

2:00 PM

Young Scientists Forum: Part 2

Session |**Location:** <https://rwth.zoom.us/j/92400850622?pwd=NFpCY2dUR1B6eG9HbDZEaU1mWTlWdz09> Meeting ID: 924 0085 0622 Passcode: 810783 |**Conveners:** Elias Bernreuther, Martin Gabelmann, Oscar Cata

14:00 – 14:20

Cornering the Two-Higgs-Doublet II Model

Speaker

Matthew Black

14:20 – 14:40

Top-quark fragmentation into a Higgs boson with next-to-leading order accuracy

Speaker

Colomba Brancaccio

14:40 – 15:00

Top-Pair Events with B-hadrons at the LHC

Speaker

Terry Generet

15:00 – 15:20

$(g-2)$, B anomalies and DM: a loop model tale

Speaker

Marco Fedele

3:20 PM

Fri, May 28

2:00 PM

Young Scientists Forum: Part 3

Session |

Location: <https://rwth.zoom.us/j/92400850622?pwd=NFpCY2dUR1B6eG9HbDZEaU1mWTlWdz09> Meeting ID: 924 0085 0622 Passcode: 810783 |

Conveners: Martin Gabelmann, Elias Bernreuther, Oscar Cata

14:00 – 14:20

Exact top-quark mass dependence in hadronic Higgs production

Speaker

Marco Niggetiedt

14:20 – 14:40

Third order corrections to the semi-leptonic $b \rightarrow c$ and the muon decays

Speaker

Kay Schoenwald

14:40 – 15:00

Automated calculation of beam functions in SCET

Speaker

Marcel Wald

3:00 PM