

Session Program

Sep 21 - 24, 2026

**Young Scientists Meeting 2026 of the CRC
TRR 257**

Young Scientists Talks

Mon, September 21

2:20 PM

Young Scientists Talks: Session 1

Session | **Convener:** Alexander Mück

2:20 – 2:50 PM

Construction and Projection of Green's Bases for Effective Field Theories with AutoEFT

Speaker

Lars Bündgen

2:50 – 3:20 PM

The goofy-symmetric Standard Model and the Hierarchy Problem

Speaker

Andrea Incrocci

3:20 PM

3:40 PM

Young Scientists Talks: Session 2

Session | **Convener:** Alexander Mück

3:40 – 4:10 PM

One-loop improved modelling of hadronic light-cone distributions amplitudes in HQET

Speaker

Daniel Vladimirov

4:10 – 4:40 PM

Collinear Chiral Perturbation Theory

Speaker

Jaime del Palacio Lirola

4:40 – 5:10 PM

The $B^+ \rightarrow B^0$ Lifetime Differences @ NNLO

Speaker

Francesco Moretti

5:10 PM

Tue, September 22

9:30 AM

Young Scientists Talks: Session 3

Session | **Convener:** Francesco Moretti

9:30 – 10:00 AM

The Short-Flow-Time Expansion of the Chromo-Magnetic Dipole Moment Operator

Speaker

Lars Georg

10:00 – 10:30 AM

Gradient Flow Integrals

Speaker

Robert Mason

10:30 AM

1:30 PM

Young Scientists Talks: Session 4

Session | **Convener:** Krzysztof Mekala

1:30 – 2:00 PM

HISTORY: Fully Differential NNLO Predictions for the Standard Model and Beyond

Speaker

Houssein Amami

2:00 – 2:30 PM

FeynGraph - A Modern High-Performance Feynman Diagram Toolkit

Speaker

Jens Braun

2:30 – 3:00 PM

FeynCalc 10.2: This Is Why We Can Have Nice Things

Speaker

Vladyslav Shtabovenko

3:00 PM

3:30 PM

Young Scientists Talks: Session 5

Session | **Convener:** Vladyslav Shtabovenko

3:30 – 4:00 PM

A perturbative framework to probe infrared sensitivity in non-Abelian gauge theories

Speaker

Dennis Horstmann

4:00 – 4:30 PM

A general subtraction formula at NNLO in QCD with massless partons

Speaker

Matteo Tresoldi

4:30 – 5:00 PM

Soft gluon emission at two loops

Speaker

Marco Bigazzi

5:00 PM

Wed, September 23

9:30 AM

Young Scientists Talks: Session 6

Session | **Convener:** Robert Mason

9:30 – 10:00 AM **Top quark mass effects in WW production through gluon fusion**

Speaker

Mateusz Pawel Czaja

10:00 – 10:30 AM

Complete NLO corrections to off-shell $t\bar{t}W^+$ production in the $2\ell SS$ channel

Speaker

Leon Mans

10:30 – 11:00 AM

An analytical approach for the two-loop electroweak $gg \rightarrow HH$ amplitude

Speaker

Dominik Grau

11:00 AM

11:30 AM

Young Scientists Talks: Session 7

Session | **Convener:** Humberto Reyes-Gonzalez

11:30 AM – 12:00 PM

Conversion-Driven Baryogenesis with Quark-Philic Flavored Dark Matter

Speaker

Lena Rathmann

12:00 – 12:30 PM

Kitchen Sink Anomaly Detection

Speaker

Lukas Lang

12:30 PM