

Session Program

Jan 23 - 24, 2020

Workshop on Soft-Collinear QCD Dynamics

Talks

University of Siegen, ENC D-308
Emmy-Noether-Campus Walter-Flex-Straße 3 57072 Siegen

Thu, January 23

9:30 AM

Talks

Session | **Location:** University of Siegen, ENC D-308, Emmy-Noether-Campus Walter-Flex-Straße 3 57072 Siegen

09:30 - 10:30 **Overview Soft-Collinear Subtraction**

Speaker

Kirill Melnikov

10:30 - 11:00

Integrated double-unresolved subtraction terms for the nested soft-collinear subtraction scheme

Speaker

Maximilian Delto

11:00 AM

11:30 AM

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11:30 - 12:00

Application of the nested soft-collinear subtraction scheme to deep-inelastic scattering

Speaker

Mr Konstantin Asteriadis

12:00 - 12:30

H->bb: colour-singlet decay to massive partons at NNLO QCD in the nested soft-collinear subtraction scheme

Speaker

Wojciech Bizon

12:30 PM

2:00 PM

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14:00 - 15:00 **Overview SCET**

Speaker

Guido Bell

15:00 - 15:30 **NNLL Resummation for Transverse Thrust**

Speaker

Jan Piclum

3:30 PM

4:00 PM

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16:00 - 16:30 **NNLO dijet soft functions and SoftSERVE**

Speaker

Rudi Rahn

16:30 - 17:00 **Automated Calculation of N-jet Soft Functions**

Speaker
Bahman Dehnadi

17:00 - 17:30 **The three-loop Quark Jet Function**

Speaker
Robin Brüser

5:30 PM

Fri, January 24

9:00 AM

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09:00 - 10:00 **Overview Parton Shower**

Speaker

Simon Plätzer

10:00 - 10:30 **Multi-emission Kernels for Parton Branching Algorithms**

Speaker

Maximilian Löschner

10:30 AM

11:00 AM

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11:00 - 11:30 **Numerical Methods and Beam Functions at NNLO**

Speaker

Philipp Müllender

11:30 - 12:00 **Zero-jettiness beam functions at NNLO to higher orders in epsilon**

Speaker

Daniel Baranowski

12:00 - 12:30 **The quark beam function for zero-jettiness at N3LO**

Speaker

Arnd Behring

12:30 PM