

Session Program

20-25 Jul 2025

Loop Summit 2 - new perturbative results and methods in precision physics: Quantum Field Theory and Collider Physics

Monday

Cadenabbia

Villa La Collina Cadenabbia Via Rome 11 I-22011 Griante-Cadenabbia (CO) Italy

Monday 21 July

09:00

Monday

Session | **Location:** Cadenabbia, Villa La Collina Cadenabbia Via Rome 11 I-22011 Griante-Cadenabbia (CO) Italy

09:05–09:35

Infrared subtraction at NNLO and beyond

Speaker

M. Marcoli

09:35–10:05

Feynman integrals in parameter space

Speaker

S. Jones

10:05–10:35

New developments of the Local Analytic Sector Subtraction

Speaker

S. Uccirati

10:35

11:00

Monday

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11:00–11:30

The four-loop two-mass QCD corrections to the rho parameter

Speaker

A. Behring

11:30–12:00

Two-loop helicity amplitudes for $pp \rightarrow ttj$ scattering

Speaker

S. Badger

12:00–12:30

Recent developments of the FORM computer algebra system

Speaker

J. Davies

12:30