

Week 4, August 21 – 25, 2023
of the Thematic Programme on
“Quantum Field Theory at the Frontiers of the Strong Interaction”
July 31 - September 1, 2023

organized by

**André H. Hoang (U of Vienna), Simon Plätzer (U of Graz), Massimiliano Procura (U of Vienna),
Malin Sjö Dahl (Lund U), Iain Stewart (MIT, Cambridge)**

- **Tuesday, August 22nd, 2023**

10:00 – 11:00 **German Rodrigo (CSIC, Madrid)**

Causality and singularities of multiloop scattering amplitudes from the loop-tree duality

11:00 – 11:30 **Coffee break**

11:30 – 12:30 **Jeffrey Forshaw (U Manchester)**

Some aspects concerning Coulomb (Glauber) gluons

- **Thursday, August 24th, 2023**

10:00 – 11:00 **Thomas Gehrmann (U Zürich)**

Towards N³LO calculations of collider observables

11:00 – 11:30 **Coffee break**

11:30 – 12:30 **Gherardo Vita (CERN, Geneva)**

Resummation of Collider Observables at N⁴LL Accuracy

All talks take place at ESI Schrödinger Lecture Hall!