

Session Program

13-14 Nov 2023

**Event generators' and N(n)LO codes'
acceleration**

NNLO and beyond

CERN, 4/3-006 - TH Conference Room

Tuesday 14 November

15:00

NNLO and beyond

Session | **Location:** CERN, 4/3-006 - TH Conference Room

15:00–15:20 **Computer algebra challenges in precision calculations**

Speakers

Thomas Gehrmann, Thomas Kurt Gehrmann

15:20–15:40 **Numerical challenges in precision calculations**

Speaker

Alexander Yohei Huss

15:45–16:15 **Coffee break**

16:15–16:45 **pySecDec: Experiences Evaluating Multi-loop Amplitudes on GPUs**

Speaker

Stephen Philip Jones

16:45–17:15 **Profiling NNLO+PS simulations: GENEVA as a case study**

Speaker

Simone Alioli

17:15–17:45 **Issues in the parallelization of physics algorithms on GPU**

Speaker

Alessandro Vicini

17:45