

Session Program

1-11 Sept 2025

QCD at the Extremes

Onium production: Toponium and other Onia

Friday 5 September

13:40

Onium production: Toponium and other Onia Session

13:45-13:55 **Intro**

Speaker

Alexander Grohsjean

14:00-14:20 **Quarkonium Parton Shower in Herwig 7**

Speaker

Aidin Masouminia

14:25-14:45 **On the threshold behaviour of heavy top production**

Speaker

Torbjorn Sjostrand

14:50-15:15

Observation of a cross-section enhancement near the $t\bar{t}$ production threshold in $\sqrt{s}=13$ TeV pp collisions with the ATLAS detector

Speaker

Baptiste Ravina

15:20-15:40

Toponium modelling at the LHC: from toy models to NRQCD predictions

Speaker

Benjamin Fuks

15:45-16:05 **Updated predictions for toponium production at the LHC**

Speakers

Sven-Olaf Moch, Sven-Olaf Moch

16:10-16:30 **How well does NRQCD describe quarkonium production data?**

Speaker

Mathias Butenschoen

16:35-17:05 **General Discussion**

17:25