

Session Program

17-21 Nov 2025



Quarkonium Working Group Workshop

Standard Model 4.2

CERN, 500/1-001 - Main Auditorium

Thursday 20 November

11:10

Standard Model 4.2

Session | **Location:** CERN, 500/1-001 - Main Auditorium | **Conveners:** Andreas Kronfeld, Yukinari Sumino

11:10–11:30 **Improved Wilson loops from machine learning**

Speaker

Julian Mayer-Stuedte

11:30–11:50 **Gluelump masses**

Speaker

Antonio Pineda

11:50–12:10 **$t\bar{t}$ cross section enhancements**

Speaker

Laurids Jeppe

12:10–12:30 **Updated predictions for toponium production at the LHC**

Speaker

Maria Vittoria Garzelli

12:30–12:50 **Monte Carlo simulation of toponium**

Speaker

Benjamin Fuks

12:50–13:10 **Perturbative vs. bound-state effects in toponium**

Speaker

Paolo Nason

13:10–13:30 **Threshold effects in $t\bar{t}$ production with ATLAS**

Speaker

Yoav Afik

13:30