

Session Program

21-26 Sept 2025



18th International Workshop on Top Quark Physics (TOP2025)

Theory mini-workshop

Thursday 25 September

09:30

Theory mini-workshop

Session | **Convener:** Prof. Michal Wiktor Czakon

09:30–10:00 Toponium physics - Overview

Speaker

Kaoru Hagiwara

10:00–10:30

Third-order correction to top-quark pair production near threshold II. Potential contributions

Speaker

Yuichiro Kiyo

10:30–11:00

Updated predictions for toponium production at the LHC

Speaker

Giovanni Limatola

11:00–11:30

Break

11:30–12:00

Simulating toponium formation signals at the LHC

Speaker

Benjamin Fuks

12:00–12:30

Can a pseudoscalar with a mass of 365 GeV in two-Higgs-doublet models explain the CMS $t\bar{t}b\bar{a}$ excess?

Speaker

Prof. Jeonghyeon Song

12:30–13:00

Impact of Interference Effects on Higgs-boson Searches in the Di-top Final State at the LHC

Speaker

Romal Kumar

13:00