

Session Program

4-6 Jun 2025

LHC TOP WG meeting

Day 2

CERN, 40/S2-D01 - Salle Dirac

We will use 2 different rooms for this meeting: - Wednesday (04/06) and Thursday (05/06): Salle Bohr
40/S2-B01 - Friday (06/06): Salle Dirac 40/S2-D01

Thursday 5 June

09:30

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09:30–09:50

Recent progress and open issues in top modelling

Speaker

Peter Skands

10:00–10:25

Inclusive and differential measurements of the $t\bar{t}$ cross section and the $t\bar{t}\gamma/t\bar{t}$ ratio in proton-proton collisions at $\sqrt{s}=13$ TeV

Speakers

Beatriz Ribeiro Lopes, Carmen Diez Pardos

10:35

11:05

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11:05–11:25

Review of rare and exclusive top quark decays

Speakers

David d'Enterria, Van Dung Le

11:35–12:00

Measurement of the top quark mass with the ATLAS detector using events with a high transverse momentum top quark

Speakers

Elliot Watton, Roman Kogler

12:10–12:30

How to Unfold Top Decays

Speaker

Sofia Palacios Schweitzer

12:35

14:30

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14:30–14:50

Standard Model predictions for the top quark pair production threshold region

Speaker

Paolo Nason

15:00–15:20

Observation of a pseudoscalar excess at the top quark pair production threshold

Speaker

Jorn Bach

16:00

15:30–15:50 Review of toponium models**Speaker**

Benjamin Fuks

16:30

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16:30–16:50 Search for CP violation in events with top quarks and Z bosons**Speaker**

Sergio Sanchez Cruz

17:30

17:00–17:20**Probing the flavour structure of dimension-6 EFT operators in multilepton final states****Speaker**

Robert Schoefbeck