

Session Program

7-10 Apr 2026

Standard Model at the LHC 2026

Top quark

Campus Luigi Einaudi, Torino, Italy, B1
Lungo Dora Siena 100

Thursday 9 April

13:30

Top quark

Session | **Location:** Campus Luigi Einaudi, Torino, Italy, B1, Lungo Dora Siena 100 | **Conveners:** Alexander Grohsjean, Massimiliano Procura, Davide Melini

13:30–14:00 **Overview on recent high-precision fixed-order calculations**

Speaker

Colomba Brancaccio

14:00–14:30 **Top decays and the Monte-Carlo top quark mass**

Speaker

Andre Hoang

14:30–14:45

ESR: Two-loop scattering amplitude for $\bar{u}d \rightarrow t\bar{t} W^-$ in the leading color approximation

Speaker

Dhimiter Canko

14:45–15:15

Precision $t\bar{t}$ cross section from ATLAS and CMS (including updates on the $t\bar{t}$ threshold)

Speakers

Claudia Glasman, Claudia Glasman

15:15

Friday 10 April

09:00

Top quark

Session | **Location:** Campus Luigi Einaudi, Torino, Italy, B1, Lungo Dora Siena 100 | **Conveners:** Alexander Grohsjean, Massimiliano Procura, Davide Melini

09:00–09:30

Recent measurements of free (B)SM parameters in $t\bar{t}$ events from ATLAS and CMS

Speaker

Bowen Zhang

09:30–10:00

Recent differential measurements of $top+X$ production and rare SM top processes from ATLAS and CMS

Speakers

Barbara Alvarez Gonzalez, Barbara Alvarez Gonzalez

10:00–10:30

Overview of recent $t\bar{t}$ spin and entanglement results from ATLAS and CMS

Speakers

Andrew J Wildridge, Andrew Wildridge

10:30–10:45

ESR: Single top quark production as a precision probe of the CKM matrix and of the Electroweak top quark sector

Speaker

Francesco Confortini

10:45