

Session Program

6–11 Jul 2025



EPS-HEP 2025

T06

PALAIS DU PHARO, Marseille, France

Monday 7 July

08:45

T06

Session | Location: PALAIS DU PHARO, Marseille, France

08:45–09:05 **t(tt) associated production in CMS**

09:05–09:25

Top quark (including associated production) cross section measurements with the ATLAS detector

Speaker

Amartya Rej

09:25–09:45 **Measurements top quark production associated with a W boson or a photon at CMS**

Speaker

Clara Ramon Alvarez

09:45–10:05 **First observation of tWZ production**

Speaker

Alberto Belvedere

10:05–10:25 **Luminosity Measurements with the ATLAS Inner Detector in Run 3 of the LHC**

Speaker

Filippo Dattola

10:45

14:00

T06

Session | Location: PALAIS DU PHARO, Marseille, France

14:00–14:20 **Top quark mass and properties with the ATLAS detector**

Speaker

Tetiana Moskalets

14:20–14:40 **Measurements of top quark properties in CMS**

Speaker

Efe Yazgan

14:40–15:00 **Top quark production at the ttbar threshold at CMS**

Speaker

CMS Collaboration

15:00–15:20 **Measurements at the ttbar threshold with the ATLAS detector**

Speaker

Haifeng Li

15:20–15:40 **The three-loop jet function for boosted heavy quarks**

Speaker

VICENT MATEU BARREDA

16:00

Tuesday 8 July

08:30

T06

Session | Location: PALAIS DU PHARO, Marseille, France

08:30–08:50

Measurement of the electroweak production of one photon and two jets in proton-proton collisions at $\sqrt{s}=13$ TeV in CMS detector

Speaker

Ying An

08:50–09:10

Multiboson production in CMS

Speaker

Mario Pelliccioni

09:10–09:30

Measurements of Drell-Yan processes with ATLAS

Speaker

Emilien Chapon

09:30–09:50

Recent results on EW physics at LHCb

09:50–10:10

LUXE: a high-precision experiment to study non-perturbative QED in electron-laser and photon-laser collisions

Speaker

Yan Benhammou

10:10–10:30

PHOKHARA at the frontier of NNLO

Speaker

Pau Petit Rosas

10:30

16:30

T06

Session | Location: PALAIS DU PHARO, Marseille, France

16:30–16:50

Electroweak Production of Vector Bosons and Jets at CMS

Speaker

CMS Collaboration

16:50–17:10

Measurements of rare electroweak processes including vector boson scattering and triboson production with ATLAS

17:10–17:30

First evidence of $ZZ\gamma$ triboson production

Speaker

Dr Antonio Vagnerini

17:30–17:50

Tackling the muon $g-2$ anomaly with the MUonE experiment at CERN

17:50–18:10

Status of Radiative Corrections and Monte Carlo Generators for low-energy e^+e^- into leptons and hadrons final states: the RadioMonteCarLow2 effort.

Speaker
Jeremy Paltrinieri

18:10–18:30

PrecisionSM: an annotated database for low-energy positron-electron hadronic cross sections

Speaker
Lorenzo Crottozzi

18:30

Friday 11 July

08:30

10:30

T06	
Session Location: PALAIS DU PHARO, Marseille, France	
08:30–08:50	Top quark physics at FCC-ee and FCC-hh Speaker Ankita Mehta
08:50–09:10	Top and Electroweak physics at the linear collider facility Speaker Ivanka Bozovic-Jelisavcic
09:10–09:30	Top and EW physics at the LHeC Speaker Nestor Armesto
09:30–09:50	Two-photon processes in future electron-hadron facilities
09:50–10:10	Electroweak Precision Physics at the FCC-ee
10:10–10:30	The MC generator Whizard for future collider studies Speaker Krzysztof Mekala