

Preprogramme des sessions

15-17 juil. 2025



Higgs Hunting 2025

Topical talks

IJCLab, 100/-1-A900 - Auditorium Joliot Curie
IJCLab Orsay (Tuesday) & APC Paris (Wednesday & Thursday)

mar. 15 juillet

10:45

Topical talks: Part 1

Session | **Site:** IJCLab, 100/-1-A900 - Auditorium Joliot Curie

10:45 – 10:57 **Measurements of the Higgs boson mass and width in CMS**

Orateur

Neha Rawal

10:57 – 11:09

Constraining the Higgs boson width from Higgs-top Yukawa coupling at the ATLAS experiment

Orateur

Yangfan Zhang

11:15

14:30

Topical talks: Part 2

Session | **Site:** IJCLab, 100/-1-A900 - Auditorium Joliot Curie | **Responsable de session:** Roberto SALERNO

14:30 – 14:42

Searches for Higgs coupling to charm quarks at the ATLAS experiment

Orateur

Greta Brianti

14:42 – 14:54

Search for $H \rightarrow c\bar{c}$ at the CMS experiment

Orateur

Angela Zaza

14:55

17:30

Topical talks: Part 3

Session | **Site:** IJCLab, 100/-1-A900 - Auditorium Joliot Curie | **Responsable de session:** Ben Kilminster

17:30 – 17:42

Model-independent differential measurement in $H \rightarrow WW$ at the CMS experiment

Orateur

Benedetta Camaiani

17:42 – 17:54

Naturalness, near-criticality and future colliders

Orateur

Víctor Enguita Vileta

17:54 – 18:09

An Isotropic Prescription for Constructing the SMEFT in Normal Coordinates to Simplify Amplitude Computations

Orateur

Mia West

18:10

mer. 16 juillet

10:25

Topical talks: Part 4

Session | **Site:** LPNHE Paris, Amphithéâtre Charpak

10:25 – 10:37

Search for CP violating effects in HWW vertex in WH production channel in 13 TeV pp collisions with the ATLAS detector

Orateur

Ricardo Barrue

10:40

13:50

Topical talks: Part 5

Session | **Site:** LPNHE Paris, Amphithéâtre Charpak | **Responsable de session:** Julie Malcles

13:50 – 14:02

Gauge-Higgs Unification and Symmetry Breaking: application to 5D GUTs

Orateur

Wanda Isnard

14:02 – 14:14

Search for Higgs boson decays into a pair of pseudoscalar particles in the $\gamma\tau\tau$ final state using pp collisions at $\sqrt{s} = 13$ TeV with the ATLAS detector

Orateur

Gadi Ninio

14:14 – 14:26

Flavour Deconstructing the Composite Higgs

Orateur

Marko Pesut

14:26 – 14:38

Search for a standard model-like Higgs boson in the mass range between 70 and 110 GeV in the diphoton final state in proton-proton collisions with CMS at $\sqrt{s}=13$ GeV

Orateur

Benjamin Massoteau

14:45

17:10

Topical talks: Part 6

Session | **Site:** APC Paris, Amphithéâtre Charpak | **Responsable de session:** Pamela Ferrari

17:10 – 17:25

Bootstrapping the EFTs

Orateur

Ziyu Dong

17:25 – 17:40

The Higgs meets the SMEFT at higher orders

Orateur

Dr Stefano Di Noi

17:40