

## Session Program

19–21 mai 2025



## IRN Terascale @ IPHC Strasbourg

### *Higgs and Electroweak*

IPHC, Amphi Grünewald  
Institut Pluridisciplinaire Hubert Curien 23 rue du Loess 67200 Strasbourg

## mer. 21 mai

09:15

**Higgs and Electroweak**

Session | Site: IPHC, Amphi Grünewald, Institut Pluridisciplinaire Hubert Curien 23 rue du Loess 67200 Strasbourg

**09:15 – 09:35 The Two-Higgs Doublet Model beyond tree-level: A gauge-invariant formalism****Orateur**

Thomas Guérandel

**09:40 – 10:00****A novel implementation of the Matrix Element Method at next-to-leading-order (NLO) for the measurement of the Higgs tri-linear coupling in di-Higgs production at the LHC****Orateur**

Matthias Tartarin

**10:05 – 10:25 LCVision and beyond****Orateur**

Roman Poeschl

10:30

11:00

**Higgs and Electroweak**

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**11:00 – 11:20 VBS measurement in semileptonic final states with ATLAS Run-2 data****Orateur**

Mathieu Markovitch

**11:25 – 11:45 From Inclusive to Differential: Precision Measurements of ttW Production at 13 TeV****Orateur**

Nihal Brahimi

**11:50 – 12:10 Impact of Background Processes in the  $H \rightarrow Z \gamma$  Decay****Orateur**

Aliaksei Kachanovich

12:15