

Session Program

9-15 Mar 2025

LA THUILE 2025 - Les Rencontres de Physique de la Vallée d'Aoste

Searching for New Physics

Planibel Hotel
Frazione Entreves, 158 11016 La Thuile (Aosta) Italy

Friday 14 March

08:30

Searching for New Physics

Session | **Location:** Planibel Hotel, Frazione Entreves, 158 11016 La Thuile (Aosta) Italy | **Convener:** Ilaria Brivio

08:30–08:50

Searches for di-Higgs, BSM Higgs and rare Higgs boson decays from ATLAS and CMS

Speaker

Michaela Mlynarikova

08:55–09:15

Implications of Higgs criticality for SM extensions

Speaker

Thomas Steingasser

09:20–09:40

New resonances BSM from ATLAS and CMS

Speaker

Regina Demina

09:45–10:10

Coffee break

10:10–10:30

Geometrical methods for Effective Field Theories

Speaker

Tim Cohen

10:35–10:55

Universal SMEFT

Speaker

Tyler Corbett

10:55

16:30

Searching for New Physics: continued

Session | **Convener:** Jose Santiago

16:30–16:50

Searches for DM and other exotic particles from ATLAS and CMS

Speaker

Michael Holzbock

16:55–17:15

Topological Portal to the Dark Sector

Speaker

Joe Davighi

17:20–17:45

Coffee break

17:45–18:05

Status of the BSM searches with the MEG II apparatus

Speaker

Luca Galli

18:10–18:30

The flavor of the new physics

18:55

Speaker Luca Vecchi	
18:35-18:55	The 690 Resonance
Speaker Maurizio Consoli	