

Session Program

1-7 Mar 2026

**LA THUILE 2026 - Les Rencontres de
Physique de la Vallée d'Aoste**

Higgs studies and Search for New Physics

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

Friday 6 March

08:55

Higgs studies and Search for New Physics

Session

08:55–09:15 **SM Higgs boson properties by CMS and ATLAS**

Speaker

Yi-Lin Yang

09:20–09:40

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

Speaker

Théo Cuisset

09:45–10:05 **Recent updates on PDF determinations**

Speaker

Maria Ubiali

10:10–10:25 **coffee break**

10:25–10:45 **2-loop SMEFT RGEs**

Speaker

Anders Eller Thomsen

10:50–11:10 **Modern approaches to the Higgs hierarchy problem**

Speaker

Thomas Steingasser

11:10

16:30

Higgs studies and Search for New Physics: continued

Session

16:30–16:50 **Searching for a new light boson with PADME**

Speaker

Kalina Dimitrova

16:55–17:15

Searches for Dark Matter and other exotic particles by ATLAS and CMS

Speaker

Bryan Cardwell

17:20–17:40 **WIMPs in composite-Higgs models**

Speaker

Dario Buttazzo

17:45–18:05 **coffee break**

18:05–18:25 **BSM @ low & high energies**

Speaker

S Renner

18:35-18:55

Searches for BSM resonances by CMS and ATLAS

Speaker

Teng Jian Khoo

19:00-19:20

Flavour deconstruction

Speaker

Mario Fernandez Navarro

19:30