

Session Program

1-7 Mar 2026

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

Young Scientist Forum

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

Monday 2 March

18:55

Young Scientist Forum: 1 Session

18:55-19:07 **Light Dark Matter Search in XENONnT Experiment**

Speaker
Yongyu Pan

19:10-19:22

Searching for light dark matter using a multi-target approach with the TESSERACT Experiment

Speaker
Leslie Juigne

19:30

Tuesday 3 March

10:55

Young Scientist Forum: 2

Session

10:55-11:07 **Searching for no neutrinos in germanium detectors with LEGEND**

Speaker

Christoph Vogl

11:10-11:22 **Global Fit of Neutrino Oscillations data**

Speaker

Martina Beccaria

11:25-11:37

Search for massive, long-lived particles in events with displaced vertices and displaced muons at $\sqrt{s} = 13.6$ TeV with the ATLAS experiment

Speaker

Emily Duden

11:40

Wednesday 4 March

09:20

Young Scientist Forum: 3

Session

09:20–09:32 **Search for $B \rightarrow K\tau + \tau^-$ decays at Belle and Belle II**

Speaker

Ihor Prudiiiev

09:35

18:50

Young Scientist Forum: 4

Session

18:50–19:02

Search for H_{cc} and Evidence of H_{bb} in VBF Production with the ATLAS Detector

Speaker

Austin Mullins

19:05–19:17

Search for $H \rightarrow cc$ at the CMS experiment

Speaker

Lisa Generoso

19:20–19:32

Analyses of very rare and elusive b-hadron decays at LHCb

Speaker

Josh Bex

19:35–19:47

Testing lepton flavour in rare decays of b-quarks and tau-leptons at LHCb

Speaker

Albert López Huertas

19:50

Thursday 5 March

16:55

Young Scientist Forum: 5

Session

16:55-17:07 **Constraints on lepton-flavor mixing for third-generation new physics**

Speaker

Arianna Tinari

17:10-17:22 **Search for resonant HH production in CMS**

Speaker

Magdy Louka

17:25-17:37 **Search for $HH \rightarrow ggbb$ in CMS**

Speaker

Michael McGinnis

17:40

Friday 6 March

11:10

Young Scientist Forum: 6 Session

11:10-11:22 **Calibration of a Transformer-Based Quark/Gluon Tagger in ATLAS**

Speaker

Samuel Jankovych

11:25-11:37 **Diboson production in the SMEFT at dimension-8**

Speaker

Giuseppe Ventura

11:40-11:52 **Unitarity bounds and sum rules in the SMEFT**

Speaker

Andrea Sainaghi

11:55