Session Program

Mar 18 – 25, 2023

57th Rencontres de Moriond - EW+U 2023

Young Scientist Forum

La Thuile, Italy

Mon, March 20

7:30 PM

Young Scientist Forum

Session | **Location:** La Thuile, Italy

7:30 – 7:35 PM **Belle II results related to b-> c anomalies**

Speaker
Kazuki Kojima

7:37 – 7:42 PM **Lambda_b decays at LHCb**

Speaker
Anja Beck

7:44 – 7:49 PM **Angular analysis of the B to K*ee decays at LHCb**

Speaker
Aleksandra Snoch

7:51 – 7:56 PM **Weak decays of heavy-quark baryons at LHCb**

Speaker
Janina Nicolini

8:00 PM

Tue, March 21

7:30 PM

Young Scientist Forum

Session | **Location:** La Thuile, Italy

7:30 – 7:35 PM **GBAR**

Speaker
Corentin Roumegou

7:37 – 7:42 PM **New collider search window for ALPs**

Speaker
Jonathan Machado Rodriguez

7:44 – 7:49 PM **Alps Searches at BES III**

Speaker
Peicheng Jiang

7:51 – 7:56 PM **IR and UV interplay in axion flavour violation**

Speaker
Xavier Ponce Diaz

7:58 – 8:03 PM **Parameter space for testable leptogenesis**

Speaker
Yannis Georis

8:05 PM

Wed, March 22

7:10 PM

Young Scientist Forum

Session | **Location:** La Thuile, Italy

7:10 – 7:15 PM **DarkSide 20k**

Speaker
Marie van Uffelen

7:17 – 7:22 PM **Dark Sector at BES III**

Speaker
Yunxuan Song

7:24 – 7:29 PM **LUXE**

Speaker
Adrián Irles

7:35 PM

Thu, March 23

6:50 PM

Young Scientist Forum

Session | **Location:** La Thuile, Italy

6:50 – 6:55 PM **Data driven background estimation in HEP using Generative Adversarial Networks**

Speaker
Victor Lohezic

6:57 – 7:02 PM **Resummation in gg to H via light quarks**

Speaker
Marvin Schnubel

7:04 – 7:09 PM
Machine learning techniques for cross-section measurements of the Higgs production in Atlas

Speaker
Sagar Addepalli

7:11 – 7:16 PM **Higgs boson fiducial cross section measurements in the four-lepton final state in CMS**

Speaker
Qianying Guo

7:18 – 7:23 PM **Impact of CPV phases on flavour violating H and Z decays**

Speaker
Emanuelle Pinsard

7:25 – 7:30 PM **Measurements of Higgs boson decaying into bb or cc pairs in Atlas**

Speaker
Martino Tanasini

7:32 – 7:37 PM **Low seesaw scale solution for M_W and g-2**

Speaker
Arturo de Giorgi

7:40 PM

Fri, March 24

7:40 PM

Young Scientist Forum

Session | **Location:** La Thuile, Italy

7:40 – 7:45 PM **Searches for supersymmetry with two same-sign or at least three leptons in Atlas**

Speaker
Shuhui Huang

7:47 – 7:52 PM **Radiative corrections to stop-antistop annihilation**

Speaker
Luca Wiggering

7:54 – 7:59 PM **Lepton flavor violation in the top quark sector in CMS**

Speaker
Jack Li

8:01 – 8:06 PM **Search for prompt production of a GeV scale resonance using data scouting in CMS**

Speaker
Christopher Steven Cosby

8:10 PM