

Session Program

17-22 Apr 2017



ALPS2017 -- an Alpine LHC Physics Summit

YSF

UZ Obergurgl
University Center Obergurgl Gaisbergweg 5 6456 Obergurgl Austria

Tuesday 18 April

19:05

YSF

Session | **Location:** UZ Obergurgl, University Center Obergurgl Gaisbergweg 5 6456 Obergurgl Austria |
Convener: Martin Flechl

19:05-19:13

Measurement of WW/WZ production in semileptonic decay channels and search for anomalous gauge couplings with the ATLAS detector

Speaker

Margherita Spalla

19:15-19:23

Higgs boson and standard model physics in the tautau final state

Speaker

Johannes Brandstetter

19:25-19:33

Implications of recent measurements in rare B decays

Speaker

Peter Stangl

19:35-19:43

Top quark differential cross-section measurement with the ATLAS detector

Speaker

Michael James Fenton

19:43

Wednesday 19 April

18:45

YSF: Physics Beyond the Standard Model

Session | **Location:** UZ Obergurgl, University Center Obergurgl Gaisbergweg 5 6456 Obergurgl Austria |
Convener: Freya Blekman

18:45–18:53

"(YSF) Search for supersymmetry in pp collisions at 13 TeV in the single lepton final state with the CMS experiment"

Speaker

Ece Asilar

18:55–19:03

Search for New Phenomena in Dijet Events with the ATLAS Detector at $\sqrt{s} = 13$ TeV

Speaker

Karishma Sekhon

19:05–19:13

Search for gluino-mediated stop and sbottom pair production in events with b-jets and large missing transverse momentum

Speaker

Chiara Rizzi

19:15–19:23

Constraining new physics with standard model measurements

Speaker

David Yallup

19:23

Thursday 20 April

19:45

YSF: YSF Session

Session | **Location:** UZ Obergurgl, University Center Obergurgl Gaisbergweg 5 6456 Obergurgl Austria |
Convener: Julian Heeck

19:53

19:45-19:53

Natural dark matter in the pMSSM

Speaker

Melissa van Beekveld

Friday 21 April

19:00

YSF: YSF Session

Session | **Location:** UZ Obergurgl, University Center Obergurgl Gaisbergweg 5 6456 Obergurgl Austria |
Convener: Mark Dayvon Goodsell

19:00–19:08

Sensitivity study of the measurement of the branching fraction of $B^+ \rightarrow \tau^+ \nu$ decays at the Belle II experiment

Speaker

Mr Thomas Keck

19:10–19:18

Rebalance and Smear for predicting QCD backgrounds in searches for new physics

Speaker

Marek Adam Niedziela

19:20–19:28

Search for top squark pair-production in the single-lepton channel in models with highly compressed mass spectra with the CMS experiment

Speaker

Navid K. Rad

19:30–19:38

Dissipative Losses in Self-Interacting Dark Matter Collisions

Speaker

Lukas Semmelrock

19:38