

Session Program

Mar 27 - 29, 2023



10th KSETA Plenary Workshop 2023

Talks by PhD

Dorint Hotel Durbach/Schwarzwald
Almstraße 49 77770 Durbach

Mon, March 27

11:30 AM

Talks by PhD

Session | **Location:** Dorint Hotel Durbach, room Baden-Baden

11:30 – 12:00

Absolute measurements for and with the radio detectors at the Pierre Auger Observatory

Speaker

Max Büsken

12:00 – 12:30

Higgs pair production in SMEFT at full NLO QCD: an investigation of truncation effects

Speaker

Jannis Lang

12:30 PM

3:00 PM

Talks by PhD

Session | **Location:** Dorint Hotel Durbach/Schwarzwald, Almstraße 49 77770 Durbach

15:00 – 15:30

"Search for Dark Matter in association with a single top quark at the CMS experiment

Speaker

Sebastian Wieland

15:30 – 16:00

Hunting Supernova Neutrinos with Dark Matter Detectors

Speaker

Melih Kara

4:00 PM

Tue, March 28

10:30 AM

Talks by PhD

Session | **Location:** Dorint Hotel Durbach/Schwarzwald, Almstraße 49 77770 Durbach

11:00 AM

10:30 – 11:00

Simulating the radio emission from air showers with CORSIKA 8

Speaker

Nikos Karastathis

Wed, March 29

9:00 AM

Talks by PhD

Session | **Location:** Dorint Hotel Durbach/Schwarzwald, Almstraße 49 77770 Durbach

09:00 – 09:30

Cosmic Ray Detection at the South Pole: The Surface Array Enhancement of IceCube

Speaker

Shefali .

09:30 – 10:00

Semileptonic and hadronic b -decays

Speaker

Manuel Egner

10:00 AM

11:30 AM

Talks by PhD

Session | **Location:** Dorint Hotel Durbach/Schwarzwald, Almstraße 49 77770 Durbach

11:30 – 12:00

RD event reconstruction and mass sensitivity: spectral slope model for future improvements, uncertainty estimation with RICE distribution

Speaker

Sara Martinelli

12:00 – 12:30

Search for a scalar induced stochastic gravitational wave background in the International Pulsar Timing Array Data Release 2 and NANOgrav 12.5 years datasets

Speaker

Virgile Dandoy

12:30 PM

3:00 PM

Talks by PhD: Talks by PhD

Session | **Location:** Dorint Hotel Durbach/Schwarzwald, Almstraße 49 77770 Durbach

15:00 – 15:30

Measurement of the Triple-Differential Cross Section of Z-Boson + Jet Production at $\sqrt{s} = 13$ TeV

Speaker

Maximilian Horzela

15:30 – 16:00

$B \rightarrow \rho l \nu$ with Hadronic Full Event Interpretation Tag at Belle II

Speaker

Moritz Bauer

4:00 PM