

Session Program

Feb 19 - 21, 2020



7th KSETA Plenary Workshop 2020

Talks by PhD

Best Western Hotel Vierjahreszeiten
Almstraße 49 77770 Durbach

Wed, February 19

11:30 AM

Talks by PhD

Session | **Location:** Best Western Hotel Vierjahreszeiten, Almstraße 49 77770 Durbach

11:30 – 12:00

Towards revealing the origin of high-energy cosmic-rays

Speaker

Agnieszka Leszczynska

12:30 PM

12:00 – 12:30

Higgs Boson Production at the LHC

Speaker

Florian Herren

3:00 PM

Talks by PhD

Session | **Location:** Best Western Hotel Vierjahreszeiten, Almstraße 49 77770 Durbach

15:00 – 15:30

Beam Test Studies on 2S Module Prototypes for the CMS Phase 2 Tracker Upgrade

Speaker

Alexander Droll

4:00 PM

15:30 – 16:00

Measuring the energy loss function of electron-T2 scattering inside the Tritium source of KATRIN

Speaker

Lutz Schimpf

Thu, February 20

10:00 AM

Talks by PhD

Session | **Location:** Best Western Hotel Vierjahreszeiten, Almstraße 49 77770 Durbach

10:00 – 10:30

Wideband Readout System for Microwave-Resonator Multiplexed Sensors

Speaker

Nick Karcher

10:30 – 11:00

FPGA-based real-time track reconstruction for the CMS phase-2 tracker upgrade

Speaker

Luis Eduardo Ardila Perez

11:00 AM

Fri, February 21

9:00 AM

Talks by PhD

Session | **Location:** Best Western Hotel Vierjahreszeiten, Almstraße 49 77770 Durbach

09:00 – 09:30

Characterization and Optimization of the KATRIN Tritium Source

Speaker

Alexander Marsteller

09:30 – 10:00

Silicon drift detector upgrade for a sterile neutrino search at KATRIN: simulation, characterization and sensitivity

Speaker

Marc Korzeczek

10:00 AM

11:30 AM

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11:30 – 12:00

Triple-differential measurement of the dijet cross section at CMS

Speaker

Daniel Savoiu

12:00 – 12:30

Nonsingular bouncing cosmology from general relativity

Speaker

Ziliang Wang

12:30 PM