

Session Program

Feb 13 - 15, 2017

4th KSETA Plenary Workshop 2017

Talks by Fellows

Best Western Hotel Vierjahreszeiten
Almstraße 49 77770 Durbach

Mon, February 13

11:30 AM

Talks by Fellows

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

11:30 – 12:00

Phenomenology of Flavoured Dark Matter in Dark Minimal Flavour Violation

Speaker

Simon Kast

12:00 – 12:30

Measurements of the top-Higgs coupling with the CMS experiment

Speaker

Hannes Mildner

12:30 PM

3:00 PM

Talks by Fellows: Talks by Fellows

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

15:00 – 15:30

Mass composition studies of cosmic rays with muons & experiences with the Double Doctoral Degree program in Astrophysics

Speaker

Sarah Müller

15:30 – 16:00

Spectroscopic Investigation of Molecular Effects in Cold Hydrogen Isotopologues

Speaker

Sebastian Mirz

4:00 PM

5:30 PM

Talks by Fellows: Talks by Fellows

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

17:30 – 18:00

KALYPSO, a linear array detector with MHz line-rate for real-time beam monitoring applications

Speaker

Lorenzo Rota

18:00 – 18:30

Radio detection of air showers: quo vadis?

Speaker

Anne Zilles

6:30 PM

Tue, February 14

10:00 AM

Talks by Fellows: Talks by Fellows

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

10:00 – 10:30

Search for anomalous couplings in semileptonic WW and WZ decays in the CMS experiment

Speaker

Ivan Shvetsov

10:30 – 11:00

More on a new sphaleron in SU(3) Yang-Mills-Higgs theory

Speaker

Pascal Nagel

11:00 AM

Wed, February 15

10:00 AM

Talks by Fellows: Talks by Fellows

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

10:00 – 10:30 Electroweak Phase Transitions in Two-Higgs-Doublet Models

Speaker

Alexander Wlotzka

10:30 – 11:00

How to improve the trueness of tritium content measurement for various analytical methods

Speaker

Simon Niemes

11:00 AM

11:30 AM

Talks by Fellows: Talks by Fellows

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11:30 – 12:00 Distributed GPU Computing for Scientific Applications

Speaker

Timo Dritschler

12:00 – 12:30 FPGA-based High-speed Signal Processing

Speaker

Shalina Figuli

12:30 PM

1:30 PM

Talks by Fellows: Talks by Fellows

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

13:30 – 14:00

Zero-biased YBCO detectors for the real-time observation of coherent synchrotron radiation

Speaker

Juliane Raasch

14:00 – 14:30 The path for measuring cosmic ray air showers from space

Speaker

Francesca Bisconti

2:30 PM