



# 4th KSETA Plenary Workshop 2017

## Monday, February 13, 2017

### Talks by Fellows (11:30 AM - 12:30 PM)

time	[id] title	presenter
11:30 AM	[10] Phenomenology of Flavoured Dark Matter in Dark Minimal Flavour Violation	KAST, Simon
12:00 PM	[11] Measurements of the top-Higgs coupling with the CMS experiment	MILDNER, Hannes

### Talks by Fellows: Talks by Fellows (3:00 PM - 4:00 PM)

time	[id] title	presenter
3:00 PM	[12] Mass composition studies of cosmic rays with muons & experiences with the Double Doctoral Degree program in Astrophysics	MÜLLER, Sarah
3:30 PM	[13] Spectroscopic Investigation of Molecular Effects in Cold Hydrogen Isotopologues	MIRZ, Sebastian

### Talks by Fellows: Talks by Fellows (5:30 PM - 6:30 PM)

time	[id] title	presenter
5:30 PM	[14] KALYPSO, a linear array detector with MHz line-rate for real-time beam monitoring applications	ROTA, Lorenzo
6:00 PM	[15] Radio detection of air showers: quo vadis?	ZILLES, Anne

# Tuesday, February 14, 2017

## Talks by Fellows: Talks by Fellows (10:00 AM - 11:00 AM)

time	[id] title	presenter
10:00 AM	[16] Search for anomalous couplings in semileptonic WW and WZ decays in the CMS experiment	SHVETSOV, Ivan
10:30 AM	[17] More on a new sphaleron in SU(3) Yang-Mills-Higgs theory	NAGEL, Pascal

# Wednesday, February 15, 2017

## Talks by Fellows: Talks by Fellows (10:00 AM - 11:00 AM)

time	[id] title	presenter
10:00 AM	[18] Electroweak Phase Transitions in Two-Higgs-Doublet Models	WLOTZKA, Alexander
10:30 AM	[19] How to improve the trueness of tritium content measurement for various analytical methods	NIEMES, Simon

## Talks by Fellows: Talks by Fellows (11:30 AM - 12:30 PM)

time	[id] title	presenter
11:30 AM	[20] Distributed GPU Computing for Scientific Applications	DRITSCHLER, Timo
12:00 PM	[21] FPGA-based High-speed Signal Processing	FIGULI, Shalina

## Talks by Fellows: Talks by Fellows (1:30 PM - 2:30 PM)

time	[id] title	presenter
1:30 PM	[22] Zero-biased YBCO detectors for the real-time observation of coherent synchrotron radiation	RAASCH, Juliane
2:00 PM	[23] The path for measuring cosmic ray air showers from space	BISCONTI, Francesca