SJTU-KIT Collaborative Research Workshop 2017 „Particles and the Universe“

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1 IceTop upgrade with scintillators for IceCube-Gen2 Agnieszka Leszczynszka (KIT / IKP)

2 Test of Ion Detection, Blocking and Removal in KATRIN Manuel Klein (KIT / IEKP)

3 Radio detection of Cosmic-Rays with IceCube-Gen2 Aswathi Balagopal (KIT / IKP)

4 Qualification of Barrel Pixel Detector Modules for the Phase 1 Upgrade of the CMS Vertex Detector, Simon Kudella (KIT / ETP)

5 Sensor R&D for the Phase II Upraged of the CMS Outer Tracker at KIT

Marius Metzler (KIT / ETP)

6 Multivariate analysis algorithms for Belle II and application to the measurement of B -> τν

Thomas Keck, presented by: Martin Heck (KIT / ETP)

7 Mastering Opportunistic Computing Resources for HEP Matthias Schnepf (KIT / SCC)

8 PandaX-III prototype Detector Heng LIN (SJTU)

9 PandaX - Particle and Astrophysical Xenon Experiments, Xiang-Yi Cui (SJTU)

10 Krypton background in PandaX experiment, Xiang-Yi Cui (SJTU)

11 Machine Learning Applications in Astronomical Observations, Wen-Tao Luo (SJTU)

12 Status of Semi-digital hadron calorimeter based on RPC, Bing Liu (SJTU)

13 Search for Higgs pair production decaying to WWWW in 36.1 fb−1, proton-proton data at $\sqrt{s}$ = 13 TeV Xing-Guo Li (SJTU)