



# HEP 2019 - Conference on Recent Developments in High Energy Physics and Cosmology 17-20 April 2019, NCSR "DEMOKRITOS", Athens, Greece

## Friday, 19 April 2019

**Parallel Session Experimental : Building 6 TANDEM Library chair: Niki Saoulidou (14:00 - 19:00)**

time	[id] title	presenter
14:00	[205] "Search for an exotic decay of the Higgs boson in pp collisions at CMS", Jehad Mousa, University of Cyprus (CY)	MOUSA, Jehad
14:20	[219] "Light dark matter searches with the NEWS-G experiment", Ioannis Katsioulas, University of Birmingham	Dr KATSIIOULAS, Ioannis
14:40	[221] "Measurement of the top-anti-top differential production cross section in the all-hadronic final state using the 2016 proton-proton collision data at $\sqrt{s} = 13$ TeV", Georgios Bakas, NTUA	BAKAS, Georgios
15:00	[222] "H $\rightarrow$ 4l studies, Data driven estimation of the $\mu\mu$ reducible bkg", Panagiotis Bellos, NKUA	BELLOS, Panagiotis
15:20	[217] "Ultra-pure Copper Electroplating for Background Reduction in the News-G Experiment", Patric Knights, University of Birmingham	KNIGHTS, Patrick
15:40	[223] "Data from the first detection units of the KM3NeT/ARCA detector", Anna Sinopoulou, NCSR"D"	SINOPOULOU, Anna
16:00	Coffee Break	
16:20	[224] "Search for ttH production in boosted all-jet final state in proton-proton collisions at $\sqrt{s} = 13$ TeV" Garyfallia Paspalaki, NCSR"D"	PASPALAKI, Garyfallia
16:40	[225] "Searches for Charged Higgs at CMS", Mohsan Waseem Ather, University of Cyprus (CY)	WASEEM ATHER, Mohsan
17:00	[226] "Contribution of INPP to the CMS Phase-2 Upgrade", Patrick Asenov, NCSR"D"	ASENOV, Patrick
17:20	[236] "The EFT interetatio with Dimension-6 operators in the WZ diboson channel", Despoina Sampsonidou, AUTH	SAMPSONIDOU, Despoina
17:40	[228] "Searching for high-mass resonances with dijets in CMS", Dimitrios Karasavvas, NKUA	KARASAVVAS, Dimitrios
18:00	[229] "A first study of the WZ VBS process in ATLAS with dimension-8 effective field theory operators.", Eirini Kasimi, AUTH	KASIMI, Eirini
18:20	[230] "Study of the dileptonic ttH H $\rightarrow$ bb-bar channel with the CMS experiment at the CERN LHC", Charis Kleio Koraka, NKUA	KORAKA, Charis Kleio