



## TeV Particle Astrophysics 2021(TeVPA 2021)

Tuesday, 26 October 2021

Session 4: Particle physics (15:00 - 18:20)

-Conveners: Hao ZHANG; Mingshui CHEN

time	[id] title	presenter
15:00	[28] Belle II experiment: status and prospects	JIN, Yifan
15:20	[154] Search for invisible decays at BESIII	SONG, Yunxuan
15:40	[138] Search for new physics in dilepton final states with CMS run2 data	GAO, Xuyang
16:00	[167] Searches for new physics with leptons using the ATLAS detector	SIDOTI, Antonio
16:20	[78] Searches for Axion-Like Particles at CMS	WANG, Zebing
16:40	Break	
17:00	[164] Searches for leptoquarks with the ATLAS detector (joint abstract from Exotics and SUSY)	BAUER, Patrick
17:20	[79] Search for heavy resonances at CMS	LEE, Jeongeun
17:40	[162] Searches for resonances decaying to pairs of heavy bosons in ATLAS	LI, Shu
18:00	[75] Searches for BSM Higgs bosons at CMS	KONSTANTINOU, Sotirou11a

# Wednesday, 27 October 2021

## Session 4: Particle physics+others (15:00 - 16:40)

-Conveners: Lesya Shchutska; Jiji Fan

time	[id] title	presenter
15:00	[159] Measurements of the Higgs boson properties with the ATLAS experiment and their interpretations with the ATLAS experiment	MANCINI, Giada
15:20	[143] Measurements on Higgs boson width and anomalous couplings with on-shell and off-shell production in ZZ decay channel at CMS experiment	WANG, Hanwen
15:40	[160] Search for rare and lepton flavor violating decays of the Higgs boson with the ATLAS detector	RAN KUNLIN
16:00	[76] Rare, Exotic, and Invisible Higgs Decays at CMS	MILOSEVIC, Vukasin
16:20	[157] Searches for Higgs boson pair production with the full LHC Run 2 dataset in ATLAS	LIU, Yanlin

## Friday, 29 October 2021

Session 4: Neutrino (15:00 - 16:25)

-Conveners: Aya Ishihara

time	[id]	title	presenter
15:00	[135]	The astrophysics program of the NOvA experiment	SAMOYLOV, Oleg
15:20	[21]	Latest results from the CUORE experiment	DI LORENZO, Stefano
15:40	[42]	Search for High-Energy Neutrinos from Blazars with IceCube	LAGUNAS GUALDA, Cristina
16:00	[50]	The KM3NeT detector — status, perspectives and preliminary results	MARGIOTTA, Annarita

Session 4: Neutrino (16:40 - 18:20)

-Conveners: aart heijboer

time	[id]	title	presenter
16:40	[147]	IceCube Upgrade and the performance of the optical module D-Egg	Dr HILL, Colton
17:05	[195]	P-ONE: pathfinder and pilot phase	SPANFELLNER, Christian
17:30	[194]	PLEnuM: A global and distributed monitoring system of high-energy astrophysical neutrinos	SCHUMACHER, Lisa
17:55	[170]	Probing new physics at future tau neutrino telescopes	Dr HUANG, Guo-yuan