



# ICHEP2018 SEOUL

## Thursday 5 July 2018

### Higgs Physics: 1 - 201 (09:00 - 10:30)

-Conveners: Sarah Heim; Jae Sik Lee

time	[id] title	presenter
09:00	[164] The latest results of the measurement of the Higgs boson decaying to bottom quarks pair at CMS	BORTIGNON, Pierluigi
09:15	[436] Evidence for Higgs boson production in decays to two b-quarks using the ATLAS detector	ENARI, Yuji
09:30	[35] Background study of HW production with the Higgs decaying to a b-quark pair	FEBRES CORDERO, Fernando
09:45	[768] Boosted Higgs decay in a pair of light jets	QIAN, Zhuoni
10:00	[38] Sensitive study of the Higgs-strange coupling at FCC-ee	SOFFER, Abi

### Higgs Physics: 2 - 201 (11:00 - 12:30)

-Conveners: Sarah Heim; Jae Sik Lee

time	[id] title	presenter
11:00	[307] Flavor Changing Neutral Higgs Interactions with Top and Tau at Hadron Colliders	KAO, Chung
11:15	[435] Higgs boson production in decays to two tau leptons using the ATLAS detector	ZINONOS, Zinonas
11:30	[165] The latest results of the measurement of the Higgs boson decaying to tau lepton pairs at CMS	MOHAMMADI, Abdollah
11:45	[162] Constraints on CP-violating couplings of the Higgs boson using its decay to fermions in the CMS experiment	DURIC, Senka
12:00	[698] Learning from Higgs Physics at Future Higgs Factories	SU, Shufang

### Higgs Physics: 3 - 105 (14:00 - 16:00)

-Conveners: Samira Hassani; KOJI TSUMURA

time	[id] title	presenter
14:00	[440] Search for rare decays of the Higgs boson	LI, Haifeng
14:15	[168] Searches of Higgs boson rare decays at CMS	Dr GEROSA, Raffaele Angelo
14:30	[441] Searches for non-Standard Model decays to a light meson and a photon of the Higgs boson	CHISHOLM, Andrew
14:45	[119] Searches for light Higgs bosons at CMS	CHOUDHURY, Somnath
15:00	[442] Searches for non-Standard Model decays to two light bosons of the Higgs boson	SCHWARTZMAN, Ariel Gustavo
15:15	[201] Searches for charged Higgs bosons at CMS	LAURILA, Santeri Henrikki
15:30	[446] Searches for additional charged Higgs bosons in the MSSM	MIR, Lluisa-Maria

**Higgs Physics: 4 - 105 (16:30 - 18:30)****-Conveners: Samira Hassani; KOJI TSUMURA**

time	[id] title	presenter
16:30	[445] Searches for additional neutral Higgs bosons in the MSSM	TANAKA, Junichi
16:45	[169] Searches for extended Higgs boson sectors with CMS	ASAWATANGTRAKULDEE, Chayanit
17:00	[444] Searches for high-mass resonances	GREVTSOV, Kirill
17:15	[125] Higgs to WW measurements with CMS	VILIANI, Lorenzo
17:30	[434] Measurement of cross sections and properties of the Higgs boson in decays to two W bosons using the ATLAS detector	DUDA, Dominik

## Friday 6 July 2018

### Higgs Physics: 5 - 201 (09:00 - 10:30)

-Conveners: Samira Hassani; Jae Sik Lee

time	[id] title	presenter
09:00	[163] The latest results of the measurement of the Higgs boson decaying into two photons at CMS	SCOTT , Edward John Titman
09:15	[432] Measurement of cross sections and properties of the Higgs boson in decays to two photons using the ATLAS detector	MIJOVIC, Liza
09:30	[123] Measurements of Higgs boson production and properties in the ZZ decay channel using the CMS detector	SCULAC, Toni
09:45	[433] Measurement of cross sections and properties of the Higgs boson in decays to four leptons using the ATLAS detector	KORTNER, Oliver
10:00	[128] Fiducial inclusive and differential Higgs boson cross sections at CMS	TAVOLARO, Vittorio Raoul

### Higgs Physics: BSM+HIG Joint Session 1 - 201 (11:00 - 12:30)

-Conveners: Kingman Cheung; KOJI TSUMURA

time	[id] title	presenter
11:00	[652] Partially Composite Higgs Models	ROSENLYST JØRGENSEN, Martin
11:15	[419] Light resonances from fundamental composite Higgs models: LHC and future colliders	CACCIAPAGLIA, Giacomo
11:30	[427] Gravitational waves from first order electroweak phase transition in models with the U(1) <sub>X</sub> gauge symmetry	MATSUI, Toshinori
11:45	[682] Heavy resonances and the electroweak effective theory	ROSELL, Ignasi
12:00	[927] Global constraints on the dimension-6 Standard Model Effective Field Theory	EBERHARDT, Otto

### Higgs Physics: 6 - 103 (14:00 - 16:00)

-Conveners: Sarah Heim; KOJI TSUMURA

time	[id] title	presenter
14:00	[766] An Improved Model-Independent Higgs Precision Analysis	JUNG, Sunghoon
14:15	[84] Prospects for measuring Higgs triscalar coupling at the HL-LHC and HL-100 TeV hadron collider	Dr LU, Chih-Ting
14:30	[500] Deep learning approaches to the Higgs boson self coupling	PARK, Jubin
14:45	[978] Supervising Deep Neural Networks with Topological Augmentation in search for di-Higgs Production at the LHC	Dr CHO, Won Sang
15:00	[171] Searches of double Higgs boson production with CMS	MAJUMDER, Devdatta
15:15	[443] Search for di-Higgs production	MEHTA, Andrew
15:30	[177] HH production at the High-Luminosity LHC with CMS	CADAMURO, Luca

### Higgs Physics: BSM+HIG Joint Session 2 - 103 (16:30 - 18:30)

**-Conveners: Jae Sik Lee; Chung Kao**

time	[id] title	presenter
16:30	[700] Phenomenology in a Zee-Babu type model with local $U(1)_{L_\mu - L_\tau}$ symmetry	NOMURA, Takaaki
16:45	[39] Phenomenological consequences of Higgs inflation in the NMSSM at the electroweak scale	Dr PASSEHR, Sebastian
17:00	[395] FlexibleSUSY: Precise automated calculations in any BSM theory	ATHRON, Peter
17:15	[550] Current status of Two-Higgs-Doublet models with a softly broken $Z_2$ symmetry	EBERHARDT, Otto
17:30	[836] Status of the semileptonic B decays and muon g-2 in general 2HDMs with right-handed neutrinos	Mr IGURO , Syuhei
17:45	[931] Status of the (p)MSSM Higgs sector	ARBEY, Alexandre
18:00	[946] Higgs mass from high-scale (split) supersymmetry	Dr PARK, Jae-hyeon PARK, Jae-hyeon

# Saturday 7 July 2018

## Higgs Physics: 7 - 202 (14:00 - 16:00)

-Conveners: Sarah Heim; KOJI TSUMURA

time	[id] title	presenter
14:00	[167] Measurements of ttH production at CMS	DIEZ PARDOS, Carmen
14:15	[437] Evidence for Higgs boson production in association with a ttbar pair	HORII, Yasuyuki
14:30	[241] Search for single top + Higgs production with CMS	STIEGER, Benjamin
14:45	[439] Measurement of the Higgs boson mass	LEIGHT, William Axel
15:00	[166] Measurements of the Higgs boson mass, production and decay rates and constraints on its couplings at CMS	WARDLE, Nicholas
15:15	[438] Measurements of Higgs boson properties using a combination of different Higgs decay channels	MORANGE, Nicolas
15:30	[411] Study of the Higgs couplings to leptons and Higgs CP properties at the ILC	JEANS, Daniel

## Higgs Physics: 8 - 202 (16:30 - 18:30)

-Conveners: Jae Sik Lee; Samira Hassani

time	[id] title	presenter
16:30	[376] Constraining Sterile Neutrinos from Precision Higgs Data	DAS, Arindam
16:45	[174] Prospects for Higgs Boson Measurements at the High-Luminosity LHC with CMS	BRAIBANT-GIACOMELLI, Sylvie
17:00	[755] Precision Higgs Measurements at the 250 GeV ILC	OGAWA, Tomohisa
17:15	[524] Higgs physics at CLIC	WEBER, Matthias Artur
17:30	[898] SM and BSM Higgs physics at the LHeC and the FCC-eh	ZHANG, Chen
17:45	[469] Higgs and Electroweak symmetry breaking at the FCC-hh	Dr SELVAGGI, Michele
18:00	[975] Higgs measurements at the Future Circular Colliders	GIACOMELLI, Paolo