



# KEK Theory Meeting on Particle Physics Phenomenology (KEK-PH2018)

## Tuesday, 13 February 2018

Talks - Building 3 1F, Seminar Hall (09:30 - 10:30)

-Conveners: Mihoko Nojiri

time	[id] title	presenter
09:30	[3] Late-time magnetogenesis	CHOI, Kiwoon
10:00	[4] Lovely phase space	MELIA, Tom

Talks: Talks - Building 3 1F, Seminar Hall (11:00 - 12:00)

-Conveners: Alejandro Ibarra

time	[id] title	presenter
11:00	[5] Axion coupled to hidden sector	TAKAHASHI, Fuminobu
11:30	[6] Multi-Messenger Astrophysics in the Gravitational Wave Era	IOKA, Kunihiro

# Wednesday, 14 February 2018

## Talks: Talks - Building 3 1F, Seminar Hall (09:00 - 10:30)

-Conveners: Michelangelo Mangano

time	[id] title	presenter
09:00	[16] Colored Dark Matter	STRUMIA, Alessandro
09:30	[17] Addressing theoretical uncertainties in direct dark matter searches	ALEJANDRO, Ibarra
10:00	[18] Recent PandaX-II Results on Dark Matter Search and PandaX-4T Upgrade Plan	ZHOU, Ning

## Talks: Talks - Building 3 1F, Seminar Hall (11:00 - 12:00)

-Conveners: Matthew Reece

time	[id] title	presenter
11:00	[19] Higgs precision: a window to new physics	MAWATARI, Kentarou
11:30	[20] Analytic Boosted Boson Discrimination at the LHC	MOULT, Ian

## Talks: Talks - Building 3 1F, Seminar Hall (13:30 - 15:30)

-Conveners: Kentarou Mawatari

time	[id] title	presenter
13:30	[0] SM, Higgs, and BSM Physics at CMS	NEU, Christopher
14:20	[1] Latest SM results with the ATLAS detector (including SM-Higgs)	SFORZA, Federico
14:55	[2] Latest BSM results with the ATLAS detector	SANCHEZ PINEDA, Arturo

# Thursday, 15 February 2018

## Talks: Talks - Building 3 1F, Seminar Hall (09:00 - 10:30)

-Conveners: Alessandro Strumia

time	[id] title	presenter
09:00	[33] Naturalizing SUSY with the Relaxion and the Inflaton	GHERGHETTA, Tony
09:30	[34] Distinguishing axions from WIMPs as CDM	DAVIDSON, Sacha
10:00	[35] Hidden sector behind the quark mixing	OMURA, Yuji

## Talks: Talks - Building 3 1F, Seminar Hall (11:00 - 12:00)

-Conveners: Pyungwon Ko

time	[id] title	presenter
11:00	[36] Recent developments on rare B-decays	BOBETH, Christoph
11:30	[37] Neutrino Oscillation Experiments and Recent Results from T2K	IWAMOTO, Konosuke

# Friday, 16 February 2018

## Talks: Talks - Building 3 1F, Seminar Hall (09:00 - 10:30)

-Conveners: Tony Gherghetta

time	[id] title	presenter
09:00	[27] Unification from Scattering Amplitudes	CHEUNG, Clifford
09:30	[28] Cosmology of a Fine-Tuned SUSY Higgs	REECE, Matthew
10:00	[29] An Update on Supersymmetric String Landscape	WATARI, Taizan

## Talks: Talks - Building 3 1F, Seminar Hall (13:45 - 15:05)

-Conveners: Motoi Endo

time	[id] title	presenter
13:45	[21] Theoretical uncertainties of monojet signatures from compressed mass spectra	SUNG HAK, Lim
14:10	[49] Probing flavour-violating decays of squarks at the LHC	CHAKRABORTY, Amit
14:35	[22] Beyond the LHC: physics goals and CERN's plans for future colliders	MANGANO, Michelangelo