



# The XXIX International Conference on Supersymmetry and Unification of Fundamental Interactions (SUSY 2022)

## Monday, 27 June 2022

**Higgs theory and experiment - Room next to the main auditorium (18:00 - 19:20)**

-Conveners: Jeff Dandoy; Konstantinos Theofilatos

time	[id] title	presenter
18:00	[90] Measurement of Higgs boson fiducial and differential cross sections with the ATLAS detector	WANG, Weitao
18:20	[88] Search for rare and exotic decays of the Higgs boson in ATLAS	MONTEJO BERLINGEN, Javier
18:40	[93] Searches for additional Higgs bosons in ATLAS	LI, Tong
19:00	session end	

## Tuesday, 28 June 2022

### Higgs theory and experiment - Room next to the main auditorium (18:00 - 19:00)

-Conveners: Vasiliki Mitsou

time	[id] title	presenter
18:00	[85] 2HDM Neutral Scalars under the LHC	SU, Shufang
18:20	[182] Yukawa coupling unification in non-supersymmetric SO(10) GUT models with an intermediate scale	OUYANG, RUIWEN
18:40	[19] Probing electroweak and top quark physics at the FCC-he	Dr ISLAM, Rashidul

**Friday, 1 July 2022****Higgs theory and experiment - Room on ground floor (16:00 - 19:40)****-Conveners: Athanasios Dedes**

time	[id] title	presenter
16:00	[92] Probing the nature of electroweak symmetry breaking with Higgs boson pair-production at ATLAS	BETTI, Alessandra
16:20	[91] Measurements of the mass, width and coupling CP structure of the Higgs-boson with the ATLAS detector	HIROSE, Shigeki
16:40	[89] Measurements of the Higgs boson couplings and their interpretations with the ATLAS experiment	DI BELLO, Francesco Armando
17:00	[36] Phenomenology of the Dark Matter sector in the Two Higgs Doublet Model with Complex Scalar Singlet extension	DUTTA, Juhi
17:20	[69] New constraints on extended Higgs sectors from the trilinear Higgs coupling	BRAATHEN, Johannes
17:40	[65] Search for a susy heavy neutral Higgs boson at the LHC in the BLSSM	ASHRY, Mustafa
18:00	[59] Hidden patterns of new physics within the Higgs Yukawa Couplings	DIAZ-CRUZ, Lorenzo
18:20	[35] A 96 GeV Higgs Boson in the 2HDM plus Singlet	LI, Cheng
18:40	[87] Two-loop investigation of new physics effects on the W-boson mass from a doublet extension of the SM Higgs sector	BRAATHEN, Johannes
19:00	[70] External-leg corrections as an origin of large logarithms	BRAATHEN, Johannes
19:20	[76] Trilinear Higgs self-coupling in supersymmetric models	WALTARI, Harri