



# 12th Course on Physics at the LHC 2023

## Thursday, 13 July 2023

### Final evaluation - Conference Room (LIP) (09:00 - 23:00)

-Conveners: Patricia Conde Muo; Joo Varela; Michele Gallinaro

time	[id] title	presenter
09:00	[26] Search for charged Higgs bosons produced in vector boson fusion processes and decaying into vector boson pairs in proton-proton collisions at 13 TeV	ALBERGARIA, Francisco
09:30	[30] Measurement of anti-helium nuclear absorption and impact on galaxy transparency	FERREIRA, Joo
10:00	[24] Search for nonresonant Higgs boson pair production in final states with two bottom quarks and two tau leptons in proton-proton collisions at 13 TeV	PISANO, Matteo
10:30	[31] Observation of four top quark production in proton-proton collisions at 13 TeV	SOUSA, Margarida
11:00	[32] Search for top squarks in the four-body decay mode with single lepton final states in proton-proton collisions at 13 TeV	VACCARO, Dario
11:30	[33] Measurements of production cross sections of polarized same-sign W boson pairs in association with two jets in proton-proton collisions at 13 TeV	WULFF, Johan
12:00	[21] Search for CP violation in ttH and tH production in multilepton channels at 13 TeV (postponed)	DUARTE, Andre'