

Higgs Hunting 2022

lundi 12 septembre 2022

Plenary: H(125) bosonic and fermionic decays - 200/0-Auditorium - Auditorium P. Lehmann (10:45 - 12:30)

-Présidents de session: Paris Sphicas

time	[id] title	presenter
10:45	[27] H(125) bosonic decays in the ATLAS experiment	TURRA, Ruggero
11:00	[28] H(125) bosonic decays — CMS	SCULAC, Toni
11:15	[29] H(125) fermionic decays in the ATLAS experiment	CALLEA, Giuseppe
11:30	[30] H(125) fermionic decays — CMS	REISSEL, Christina
11:45	[31] H(125) bosonic and fermionic decays: 3 transparencies of comparison	
11:50	[32] Discussion	

Plenary: H(125) General combination - 200/0-Auditorium - Auditorium P. Lehmann (15:10 - 16:15)

-Présidents de session: Robert Cousins

time	[id] title	presenter
15:10	[25] H(125) General combination — CMS	MONTI, Fabio
15:25	[26] H(125) General combination in the ATLAS experiment	FRANCAVILLA, Paolo
15:40	[52] H(125) General combination : 3 transparencies of comparison	
15:45	[53] Discussion	

mardi 13 septembre 2022

Plenary: BSM and rare H(125) decays - including $H \rightarrow \nu\nu$ and LFV decays - Amphithéâtre Charpak (11:00 - 12:45)

-Présidents de session: Sven Heinemeyer

time	[id] title	presenter
11:00	[54] Additional scalar bosons in the ATLAS experiment (Zoom)	CHU, Xiaotong
11:15	[55] Additional scalar bosons — CMS	WEN, Yiwen
11:30	[56] BSM and rare H(125) decays in the ATLAS experiment	CHOU, YUAN-TANG
11:45	[57] BSM and rare H(125) decays — CMS	GOUZEVITCH, Maxime
12:00	[58] BSM and rare H(125) decays — 3 transparencies of comparison	
12:05	[59] Discussion	

Plenary: CMS joker talk - Amphithéâtre Charpak (14:25 - 14:50)

-Présidents de session: Elizabeth Brost

time	[id] title	presenter
14:25	[87] The invisible Higgs, newest results of CMS	DAVIGNON, Olivier

Plenary: HH - Amphithéâtre Charpak (14:50 - 15:55)

-Présidents de session: Elizabeth Brost

time	[id] title	presenter
14:50	[60] HH — ATLAS (Zoom)	YANG, Zhe
15:05	[61] HH — CMS	RIEGER, Marcel
15:20	[62] HH — 3 transparencies of comparison	
15:25	[63] Discussion	

Plenary: H EFTs and CP violation - Amphithéâtre Charpak (16:45 - 18:30)

-Présidents de session: Anne-Catherine LE BIHAN

time	[id] title	presenter
16:45	[64] H EFTs — CMS	SHARMA, Ram Krishna
17:00	[65] Higgs Effective Field Theories results in the ATLAS experiment	HELD, Alexander
17:15	[72] CP violation — CMS	CARDINI, Andrea
17:30	[73] CP violation results in the ATLAS experiment	GONÇALO, Ricardo Jose Morais Silva
17:45	[66] H EFTs and CP violation — 3 transparencies of comparison	
17:50	[67] Discussion	

mercredi 14 septembre 2022

Plenary: ATLAS joker talk - Amphithéâtre Charpak (10:00 - 10:25)

-Présidents de session: Marco Zito

time	[id] title	presenter
10:00	[88] Searches for lepton-flavour-violating decays of the Higgs boson into $e\mu$ and $\mu\mu$ in ATLAS (Zoom)	DE MARIA, Antonio

Plenary: Future colliders - Amphithéâtre Charpak (10:25 - 13:15)

-Présidents de session: Marco Zito

time	[id] title	presenter
10:25	[83] Recent theory progress from and after the European Strategy Update	DURIEUX, Gauthier
10:50	[84] Physics at Future Colliders: overview & recent developments	PEREZ, Emmanuel
11:15	[76] Roadmap for a first strategy for Latin American physics (Zoom)	DOVA, Maria Teresa
11:35	[77] Highlights from the Snowmass Summer meeting	NARAIN, Meenakshi
12:00	[74] The Detector and Accelerator R&D roadmaps to future colliders	JAKOBS, Karl
12:25	[75] Discussion	

Plenary: Concluding talks - Amphithéâtre Charpak (15:45 - 17:15)

-Présidents de session: Michael Duehrssen-Debling

time	[id] title	presenter
15:45	[70] Theory concluding talk	MALTONI, Fabio
16:30	[71] Experimental concluding talk	PIACQUADIO, Giacinto