

Higgs Hunting 2024

lundi 23 septembre 2024

Plenary: General combinations (Mass, width, CP + couplings) - 200/0-Auditorium - Auditorium P. Lehmann (10:45 - 12:30)

-Présidents de session: Giovanni Petrucciani

time	[id] title	presenter
10:45	[92] Mass, width and CP measurements - ATLAS	LANG, Valerie
11:00	[93] Mass, width and CP measurements - CMS	IEMMI, Fabio
11:15	[94] Coupling measurements - ATLAS	IAKOVIDIS, George
11:30	[95] Coupling measurements - CMS	BEVILACQUA, Tiziano
11:45	[96] Higgs combinations: 3 transparencies of comparison	PETRUCCIANI, Giovanni
11:50	[97] Discussion including prospects for ATLAS+CMS combinations	

Plenary: Higgs Self Coupling - 200/0-Auditorium - Auditorium P. Lehmann (15:00 - 16:25)

-Présidents de session: Valentina Cairo

time	[id] title	presenter
15:00	[160] Di-Higgs production and the Higgs self-coupling: Theory Introduction	GRÖBER, Ramona
15:20	[108] Higgs Self Coupling - CMS	BETHANI, Agni
15:35	[109] Higgs Self Coupling - ATLAS	LIANG, Zhijun
15:50	[110] 3 transparencies of comparison	CAIRO, Valentina
15:55	[111] Discussion including prospects for ATLAS+CMS combinations	

mardi 24 septembre 2024

Plenary: BSM and rare H(125) decays (10:00 - 12:05)

-Présidents de session: Sven Heinemeyer

time	[id] title	presenter
10:00	[161] Rare Higgs boson decays: Light Yukawas, FCNC, BSM, and more	ENTERRIA, David d'
10:20	[102] Search for BSM Scalar Bosons at ATLAS	VARNES, Erich
10:35	[103] Additional scalar bosons - CMS	YAZGAN, Efe
10:50	[104] BSM and rare H(125) decays - ATLAS	CAI, Huacheng
11:05	[105] BSM and rare H(125) decays - CMS	ZHOU, Chen
11:20	[106] 3 transparencies of comparison	HEINEMEYER, Sven
11:25	[107] Discussion	

Plenary: CMS joker talk (13:35 - 14:00)

-Présidents de session: Djamel BOUMEDIENE

Plenary: ATLAS joker talk (15:30 - 16:00)

-Présidents de session: Djamel BOUMEDIENE

Plenary: Effective Field Theories (16:20 - 17:40)

-Présidents de session: Sandra Kortner

time	[id] title	presenter
16:20	[162] Theory introduction to the SMEFT framework	YOU, Tevong
16:40	[112] EFT - ATLAS	HUANG, Yicong
16:55	[113] EFT - CMS	URDA, Lourdes
17:10	[116] 3 transparencies of comparison	KORTNER, Sandra
17:15	[117] Discussion	

mercredi 25 septembre 2024

Plenary: Higgs physics at HL-LHC (10:00 - 13:10)

-Présidents de session: Patricia McBride

time	[id] title	presenter
10:00	[152] HL-LHC collider upgrade	BRUNING, Oliver
10:30	[153] ATLAS Phase 2 upgrade	
10:45	[154] CMS Phase 2 upgrade	DE GUIO, Federico
11:00	[163] 3 transparencies of comparison	MCBRIDE, Patricia
11:10	[164] Discussion	
11:35	[155] Theory prospects for HL-LHC	YEVGENY, Kats
12:05	[156] New analysis methods and physics prospects for HL-LHC - ATLAS	VAN STROUD, Sam
12:20	[157] New analysis methods and physics prospects for HL-LHC - CMS	GOUZEVITCH, Maxime
12:35	[158] 3 transparencies of comparison	MCBRIDE, Patricia
12:45	[159] Discussion	

Plenary: Concluding talks (15:40 - 17:10)

-Présidents de session: Rosy Nikolaidou

time	[id] title	presenter
15:40	[121] Theory concluding talk	MELNIKOV, Kirill
16:25	[122] Experimental concluding talk	TACKMANN, Kerstin