



# Higgs Hunting 2023

## lundi 11 septembre 2023

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

-Présidents de session: Roberto Salerno

time	[id] title	presenter
10:45	[92] Mass, width and CP measurements - ATLAS	BURGARD, Carsten
11:00	[93] Mass, width and CP measurements - CMS	KYRIACOU, Savvas
11:15	[94] Coupling measurements - ATLAS	OJEDA, Martina Laura
11:30	[95] Coupling measurements - CMS	ORTONA, Giacomo
11:45	[96] Higgs combinations: 3 transparencies of comparison	
11:50	[97] Discussion	

**Plenary: Higgs Self Coupling - 200/0-Auditorium - Auditorium P. Lehmann (15:00 - 16:05)**

-Présidents de session: Arely Cortes Gonzalez

time	[id] title	presenter
15:00	[108] Higgs Self Coupling - CMS	MOTTA, Jona
15:15	[109] Higgs Self Coupling - ATLAS	ZIVKOVIC, Lidija
15:30	[110] 3 transparencies of comparison	
15:35	[111] Discussion	

# mardi 12 septembre 2023

## Plenary: BSM and rare H(125) decays - Amphithéâtre Charpak (10:50 - 12:35)

-Présidents de session: Sven Heinemeyer

time	[id] title	presenter
10:50	[102] Additional scalar bosons - ATLAS	LEEUW, Lerothodi
11:05	[103] Additional scalar bosons - CMS	ASAWATANGTRAKULDEE, Chayanit
11:20	[104] BSM and rare H(125) decays - ATLAS	CHU, Michael Kwok Lam
11:35	[105] BSM and rare H(125) decays - CMS	ZHANG, Jingyu
11:50	[106] 3 transparencies of comparison	
11:55	[107] Discussion	

## Plenary: CMS joker talk - Amphithéâtre Charpak (14:00 - 14:25)

-Présidents de session: Elisabetta Gallo

time	[id] title	presenter
14:00	[147] ttH and tH measurements at CMS	KEICHER, Philip

## Plenary: Vector Boson Scattering - Amphithéâtre Charpak (14:25 - 15:30)

-Présidents de session: Elisabetta Gallo

time	[id] title	presenter
14:25	[98] VBS measurements - CMS	LIZZO, Mattia
14:40	[99] VBS measurements - ATLAS	ZENGER, Todd
14:55	[100] 3 transparencies of comparison	
15:00	[101] Discussion	

## Plenary: Effective Field Theories - Amphithéâtre Charpak (16:30 - 17:30)

-Présidents de session: Paolo Francavilla

time	[id] title	presenter
16:30	[112] EFT - ATLAS	SANDESARA, Jay
16:45	[113] Higgs boson anomalous couplings and EFT at CMS	TALIERCIO, Angela
17:00	[116] 3 transparencies of comparison	
17:05	[117] Discussion	

## Plenary: New analysis methods - Amphithéâtre Charpak (17:30 - 18:20)

-Présidents de session: Paolo Francavilla

time	[id] title	presenter
17:30	[114] New analysis methods - ATLAS	HUANG, Yanping
17:45	[115] New analysis methods - CMS	CALANDRI, Alessandro

18:00	[126] 3 transparencies of comparison	
18:05	[127] Discussion	

# mercredi 13 septembre 2023

## **Plenary: ATLAS joker talk - Amphithéâtre Charpak (10:05 - 10:30)**

-Présidents de session: Ursula Bassler

time	[id] title	presenter
10:05	[148] Measurement of high-momentum Higgs boson production in association with a vector boson in the qqbb final state with the ATLAS detector	SCIANDRA, Andrea

## **Plenary: Higgs physics at future colliders - Amphithéâtre Charpak (10:45 - 13:00)**

-Présidents de session: Ursula Bassler

time	[id] title	presenter
10:45	[118] Theory prospects	WULZER, Andrea
11:15	[128] Experimental prospects at FCC	AZZI, Patrizia
11:45	[119] Muon collider challenges and status	SCHULTE, Daniel
12:15	[120] Discussion	

## **Plenary: Concluding talks - Amphithéâtre Charpak (15:30 - 17:00)**

-Présidents de session: Marco Pieri

time	[id] title	presenter
15:30	[121] Theory concluding talk	GRAZZINI, Massimiliano
16:15	[122] Experimental concluding talk	RIZZI, Andrea