



# Higgs Hunting 2023

## lundi 11 septembre 2023

### Topical talks: Part 1 - 200/0-Auditorium - Auditorium P. Lehmann (14:00 - 15:00)

-Présidents de session: Arely Cortes Gonzalez

time	[id] title	presenter
14:00	[139] Higgs global fits	MIRALLES, Victor
14:15	[133] First measurement of the Higgs boson production cross-section at $\sqrt{s} = 13.6$ TeV in the $H \rightarrow ZZ^* \rightarrow 4l$ channel with the ATLAS detector	REED, Alice
14:27	[137] The Two Scales of New Physics in Higgs Couplings	RIGO, Gabriele
14:42	[138] Signal-background interference effects in Higgs physics	DEVOTO, Federica

### Topical talks: Part 2 - 200/0-Auditorium - Auditorium P. Lehmann (17:05 - 17:45)

-Présidents de session: Daniela Bortoletto

time	[id] title	presenter
17:05	[134] Search for Higgs boson pairs in the bbyy final state in ATLAS	INGEBRETSEN CARLSON, Tom
17:17	[142] Search for extra Higgs bosons through same-sign top-quark production in association with an extra jet in proton-proton collisions in CMS	HSU, Ting-Hsiang
17:29	[141] Electroweak Phase Transitions and Gravitational Radiation in 'CP in the Dark' with BSMP	BIERMANN, Lisa

# mardi 12 septembre 2023

## Topical talks: Part 3 - Amphithéâtre Charpak (10:00 - 10:50)

-Présidents de session: Sven Heinemeyer

time	[id] title	presenter
10:00	[143] Search for Higgs boson decays to a pair of pseudoscalars in CMS	KWAN, Stephanie
10:12	[135] Search for ALPs in Higgs boson decays in ATLAS	VUJINOVIC, Olivera
10:24	[144] Search for a standard model-like Higgs boson in the mass range between 70 and 110 GeV in the diphoton final state in proton-proton collisions at $\sqrt{s}=13$ TeV in CMS	ROUT, Prasant Kumar
10:36	[145] Searching for Low-Mass Resonances Decaying into W Bosons	COLORETTI, Guglielmo

# mercredi 13 septembre 2023

## **Topical talks: Part 4 - 200/0-Auditorium - Auditorium P. Lehmann (10:30 - 10:45)**

**-Présidents de session: Ursula Bassler**

time	[id] title	presenter
10:30	[140] Higgs and (Light) Quark Studies at the ILC	OKUGAWA, Yuichi

## **Topical talks: Part 5 - Amphithéâtre Charpak (15:00 - 15:30)**

**-Présidents de session: Marco Pieri**

time	[id] title	presenter
15:00	[136] Effective-field theory interpretations of Higgs boson production and decay rates with the ATLAS experiment	LUKIANCHUK, Oleksii
15:12	[146] SMEFT	MADIGAN, Maeve