



# Higgs 2022

## Tuesday, 8 November 2022

### Tuesday Session A: Precision - Sala Bianchi (09:00 - 10:40)

-Conveners: Haichen Wang; Raoul Horst Rontsch; Paolo Francavilla

| time  | [id] title   | presenter            |
|-------|--|----------------------|
| 09:00 | [135] Measurement of Higgs boson mass and width using bosonic decay channels with the ATLAS detector | ARTONI, Giacomo      |
| 09:20 | [107] Higgs mass measurement and its prospects in the four-lepton final state at CMS - REMOTE        | ZHANG, Chenguang     |
| 09:40 | [131] Combined measurements of Higgs boson coupling and cross section with the ATLAS detector        | MUSKINJA, Miha       |
| 10:00 | [108] Higgs boson differential cross section measurement in the 4l final state                       | TARABINI, Alessandro |
| 10:20 | [105] Higgs boson measurements in the VBF production mode at CMS                                     | MUKHERJEE, Soumya    |

### Tuesday Session A: Yukawa - Sala Bianchi (11:10 - 12:50)

-Conveners: Raffaele Angelo Gerosa; Marco Zaro; Paolo Francavilla

| time  | [id] title  | presenter                 |
|-------|---|---------------------------|
| 11:10 | [140] Measurements of Higgs boson properties in decays to two tau leptons with the ATLAS detector   | ORDEK, Serhat             |
| 11:30 | [110] Single H combinations from CMS  | LENZI, Piergiulio         |
| 11:50 | [109] Summary of the CMS Higgs and di-Higgs searches in bb final state including boosted topologies | HAUBRICH, Nicholas Joseph |
| 12:10 | [95] The bottom quark mass from Higgs measurements  | SPIRA, Michael            |
| 12:30 | [103] CMS ECAL techniques, calibration and performance towards run 3                                | JAIN, Shilpi              |