



# Higgs 2021

## Thursday 21 October 2021

### Parallel: Yukawa: Live discussion session 1 [Room C] (14:30 - 15:30)

-Conveners: Patrick Meade; Stephane Brunet Cooperstein; Clara Murgui; Nicolas Morange

| time  | [id] title                                                                                                            | presenter             |
|-------|-----------------------------------------------------------------------------------------------------------------------|-----------------------|
| 14:30 | [188] Measurements and interpretations of Higgs boson production using decays to two b-quarks with the ATLAS detector | FOTI, Maria Giovanna  |
| 14:40 | [110] Higgs boson decays into b and c quarks with the CMS experiment                                                  | KAVEH, Sam            |
| 14:50 | [189] Higgs boson coupling to second generation fermions with the ATLAS detector                                      | MIRONOVA, Maria       |
| 15:00 | [105] Rare Higgs decays at CMS                                                                                        | BUEGHLY, James Dale   |
| 15:10 | [193] Search for rare and lepton flavor violating decays of the Higgs boson with the ATLAS detector                   | NEEP, Tom             |
| 15:20 | [197] Higgs to charm quarks in vector boson fusion plus a photon                                                      | LEUNG, Sze Ching Iris |

### Parallel: Yukawa: Live discussion session 2 [Room C] (16:00 - 17:00)

-Conveners: Patrick Meade; Nicolas Morange; Stephane Brunet Cooperstein; Clara Murgui

| time  | [id] title                                                                          | presenter            |
|-------|-------------------------------------------------------------------------------------|----------------------|
| 16:00 | [111] Measurements of ttH production with CMS                                       | SANCHEZ CRUZ, Sergio |
| 16:10 | [190] Higgs boson production in association with top quarks with the ATLAS detector | KELLER, John Stakely |
| 16:20 | [148] Resurrecting bbh with kinematic shapes                                        | QIAN, Zhuoni         |
| 16:30 | [119] YSF: Analysis of the CP structure of the Higgs boson in tau tau decays at CMS | FILATOV, Oleg        |
| 16:35 | [134] Higgs boson decay to $J/\psi$ via $c$ -quark fragmentation                    | MA, Yang             |
| 16:45 | [137] Machine learning the Higgs-top CP Measurement                                 | BARMAN, Rahool       |