FCC-hh physics and performance meeting 12/12/24 - introduction

FCC

Angela Taliercio, Birgit Stapf, Sarah Williams

Status and news

- FCC workshop on 13th to 17th January: <u>https://indico.cern.ch/event/1439509/</u>
- We will have a contribution on the FCC-hh effort, please send us the material you want to include in the presentation within the first week of January:
 - Planning a rehearsal of the talk the 9th of January (first meeting of next year)

Today's agenda

| 16:00 → 16:05 | News | 🕓 5m | |
|----------------------|--|-------|---|
| | Speakers: Angela Taliercio (Northwestern University (US)), Birgit Stapf (CERN), Sarah Louise Williams (University of Cambridge (GB)) | | _ |
| 16:05 → 16:25 | Update on the bbtt analysis ¶ | 🕲 20m | |
| | Speaker: Cristiano Sebastiani (CERN) | | |
| | Liverpool_FCC_bbta | | |
| 16:25 → 16:45 | Improving the trilinear Higgs boson self-coupling measurement at the FCC-hh [by exploiting triangle vs. box kinematics] | 🕓 20m | |
| | Speaker: Bastien Voirin (Centre National de la Recherche Scientifique (FR)) | | |
| | ECC-hh_2024-12-12 | | |
| 16:45 → 17:05 | Round-table | 🕲 20m | • |
| | Discussion from ongoing studies | | |
| | Plans from Oxford | 🕓 20m | |
| | Speaker: James Frost (University of Oxford (GB)) | | |