

Join Software Physics Performance meeting

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Midterm report

- [Available](#) on new CDS to all CERN users

Final Feasibility Study Report

- First draft to be ready by the end of the year (for the SPC)
 - Draft v0 for internal PED review by 30th of September!
 - analysis note drafts ready by early September
- **The Final Report will be an official document, public and submitted to the Strategy**

- **“Common Sense” Policy on publication of FCC related results:**
 - If it includes MC data and tools and statistics from the FCC-ee. And it has FCC-ee in the title (!)
 - Have a detailed FCC Note posted as well as the draft paper version in CDS, and a presentation (or more) at the Physics Performance meeting.
 - We will define a reviewers for a speedy decision on submission.
 - Several Notes still hanging there since a few months...would like to get them published.

Higgs/Top FCC meeting, June 4th

- <https://indico.cern.ch/event/1410813/>

FCC Week 2024, 10-14 June, San Francisco

- <https://indico.cern.ch/event/1298458/>

ICHEP, 18-24 July, Prague

- <https://indico.cern.ch/event/1291157/>
- Many talks and posters:
 - Flavor and tau physics @FCC (Aidan Wiederhold)
 - Higgs physics opportunities at the FCC (Giovanni Marchiori)
 - High precision QCD and Physics at the FCC
 - BSM Physics and HNL at the FCC (Nicolo Valle)
 - Electroweak Precision Physics at the FCC
 - Poster on Higgs mass/ZH cross-section of 240+365 GeV (Gregorio B, Ang. L, Kevin D, Jan E.)
 - Poster on Leptophilic Z' bosons at the FCC

ECFA workshop on EWK factories, 9-11 October, Paris

- <https://indico.cern.ch/event/1399276/>

2nd FCC Italy-France Workshop, 4-6 November, Venice

- <https://agenda.infn.it/event/37960/>

Open call for speakers



- BEACH'24 (Charleston, SC): June , 2024:
 - Heavy-quark physics at FCC
- ICHEP'24 (Prague) July 2024:
 - Electroweak precision measurements at the FCC
 - High-precision QCD physics at FCC-ee
- ICNFP 2024, Aug. Crete:
 - FCC talks(s) on physics/detectors

Agenda for today



14:00 → 14:10 **News**

Speakers: Emmanuel Francois Perez (CERN), Michele Selvaggi (CERN), Patrizia Azzi (INFN Padova (IT))

14:10 → 14:30 **Summary of QCD-Higgs mini-workshop**

Speaker: Pier Francesco Monni (CERN)

14:30 → 14:50 **Jet Flavour Tagging at FCC-ee with a Transformer-based Neural Network: DeepJetTransformer**

Speaker: Eduardo Ploerer (UZH/VUB)

14:50 → 15:10 **Initial studies on tau polarisation**

Speakers: Maria Cepeda (CIEMAT), Dolores Garcia (CERN)

15:10 → 15:30 **Initial studies for Muon detector requirements**

Speaker: Mahmoud Ali (FCC)

15:30 → 15:50 **News from Software**

Speaker: Gerardo Ganis (CERN)

15:50 → 16:10 **Update on ALEPH data in Key4hep**

Speakers: Jacopo Fanini (Politecnico di Milano (IT)), Jacopo Fanini

16:10 → 16:30 **Estimating the computing resource needs for the FSR and beyond**

Speaker: Gerardo Ganis (CERN)