

# Minutes of CEPC Higgs CP Analysis

Online, 2021-01-25

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Meeting indico link: <https://indico.ihep.ac.cn/event/13697/>

## Contents

- Yanxi, Ke
  - o Installed BDT on server and runs okay
  - o Pushed the code on github <https://github.com/cepc/HiggsCP>

## Actions

1. Yanxi:
  - 1.1. Arrange the muons with certain logic rank
  - 1.2. Plot the other figures, e.g. the 32 variables used as input for the BDT
  - 1.3. Focus on the 24 variables
2. Ke:
  - 2.1. Generate the  $ee \rightarrow ZH$  (H-bb) sample
  - 2.2. Investigate the BDT issue
  - 2.3. Find out whether adding other samples affect the current one
3. ALL:
  - 3.1. The next meeting will be on Feb 23, 16:00