

LHeC/FCC-eh beam dynamics and machine-detector interface workshop

Report of Contributions

Contribution ID: 1

Type: **not specified**

Arriving & morning coffee/tee/cookies

Thursday 19 September 2024 08:30 (1h 30m)

Contribution ID: 2

Type: **not specified**

Welcome message

Thursday 19 September 2024 10:00 (10 minutes)

Presenter: PIOTRZKOWSKI, Krzysztof (AGH University (Kraków, PL))

Contribution ID: 3

Type: **not specified**

Workshop conclusions

Friday 20 September 2024 12:25 (20 minutes)

Presenters: HOLZER, Bernhard (CERN); PIOTRZKOWSKI, Krzysztof (AGH University (Kraków, PL))

Contribution ID: 4

Type: **not specified**

Introduction to the LHeC/FCC-eh Study Group

Thursday 19 September 2024 10:10 (50 minutes)

Presenter: D'HONDT, Jorgen (Vrije Universiteit Brussel (BE))

Contribution ID: 5

Type: **not specified**

Introduction to the LHeC detector design/simulation

Thursday 19 September 2024 11:00 (30 minutes)

Presenter: KOSTKA, Peter (University of Liverpool (GB))

Contribution ID: 6

Type: **not specified**

Recent developments in LHeC detector simulation

Thursday 19 September 2024 11:30 (30 minutes)

Presenter: FORTHOMME, Laurent (AGH University of Krakow (PL))

Contribution ID: 7

Type: **not specified**

Luminosity measurement and low- Q^2 tagging

Thursday 19 September 2024 13:30 (20 minutes)

Presenter: PIOTRZKOWSKI, Krzysztof (AGH University (Kraków, PL))

Contribution ID: 8

Type: **not specified**

Forward protons

Thursday 19 September 2024 13:50 (20 minutes)

Presenter: CHWASTOWSKI, Janusz (Polish Academy of Sciences (PL))

Contribution ID: 9

Type: **not specified**

Forward neutrons

Thursday 19 September 2024 14:10 (20 minutes)

Presenter: YAMAZAKI, Yuji (Kobe University (JP))

Contribution ID: **10**

Type: **not specified**

Introduction to the LHeC machine

Friday 20 September 2024 09:00 (25 minutes)

Presenter: BRUNING, Oliver (CERN)

Contribution ID: **11**

Type: **not specified**

Introduction to the machine-detector interface studies

Friday 20 September 2024 09:25 (25 minutes)

Presenter: HOLZER, Bernhard (CERN)

Contribution ID: **12**

Type: **not specified**

Proton optics studies

Friday 20 September 2024 09:50 (25 minutes)

Presenter: VON WITZLEBEN, Tiziana (Rheinisch Westfaelische Tech. Hoch. (DE))

Contribution ID: **13**

Type: **not specified**

Electron optics studies

Friday 20 September 2024 10:15 (25 minutes)

Presenter: ANDRE, Kevin Daniel Joel (CERN)

Contribution ID: 14

Type: **not specified**

Synchrotron radiations studies

Friday 20 September 2024 11:10 (25 minutes)

Presenter: FORTHOMME, Laurent (AGH University of Krakow (PL))

Contribution ID: 15

Type: **not specified**

The HERA ep Interaction Regions - Learned Lessons

Friday 20 September 2024 11:35 (25 minutes)

Presenter: SCHNEEKLOTH, Uwe (DESY)

Contribution ID: **16**

Type: **not specified**

EIC machine-detector interface experience

Friday 20 September 2024 12:00 (25 minutes)

Presenter: NATOCHIL, Andrii (Brookhaven National Laboratory)

Contribution ID: 17

Type: **not specified**

Introduction to discussion session

Thursday 19 September 2024 14:30 (20 minutes)

Presenter: NEWMAN, Paul Richard (University of Birmingham (GB))

Session Classification: Discussion session

Contribution ID: **18**

Type: **not specified**

Discussion of. the LHeC performance limits

Thursday 19 September 2024 14:50 (1 hour)

Presenter: HOLZER, Bernhard (CERN)

Session Classification: Discussion session