

Software Framework(s) for LHCb's Future

Report of Contributions

Contribution ID: 1

Type: **not specified**

Welcome

Wednesday 22 November 2023 09:00 (10 minutes)

Presenter: VOM BRUCH, Dorothea (Aix Marseille Univ, CNRS/IN2P3, CPPM, Marseille, France)

Session Classification: State-of-the art of LHCb software frameworks and infrastructure

Contribution ID: 2

Type: **not specified**

Functionality provided by Gaudi in view of the future

Wednesday 22 November 2023 09:10 (40 minutes)

Presenters: CLEMENCIC, Marco (CERN); PONCE, Sebastien (CERN)

Session Classification: State-of-the art of LHCb software frameworks and infrastructure

Contribution ID: 3

Type: **not specified**

Functionality provided by Allen in view of the future

Wednesday 22 November 2023 09:50 (40 minutes)

Presenters: CAMPORA PEREZ, Daniel Hugo (Nikhef National institute for subatomic physics (NL)); AAIJ, Roel (Nikhef National institute for subatomic physics (NL))

Session Classification: State-of-the art of LHCb software frameworks and infrastructure

Contribution ID: 4

Type: **not specified**

Infrastructure available for testing, debugging, profiling

Wednesday 22 November 2023 11:00 (30 minutes)

Presenters: CLEMENCIC, Marco (CERN); PONCE, Sebastien (CERN)

Session Classification: State-of-the art of LHCb software frameworks and infrastructure

Contribution ID: 5

Type: **not specified**

Integration with Geant 4, generators

Wednesday 22 November 2023 11:30 (30 minutes)

Presenter: MORRIS, Adam (CERN)

Session Classification: State-of-the art of LHCb software frameworks and infrastructure

Contribution ID: 6

Type: **not specified**

Integration with analysis-related ecosystems

Session Classification: State-of-the art of LHCb software frameworks and infrastructure

Contribution ID: 7

Type: **not specified**

ALICE

Wednesday 22 November 2023 14:00 (30 minutes)

Presenters: ROHR, David (CERN); EULISSE, Giulio (CERN)

Session Classification: Inspiration from other HEP experiments and industry

Contribution ID: 8

Type: **not specified**

CMS

Wednesday 22 November 2023 16:00 (30 minutes)

Presenter: DI FLORIO, Adriano (Politecnico e INFN, Bari)

Session Classification: Inspiration from other HEP experiments and industry

Contribution ID: 9

Type: **not specified**

ATLAS

Wednesday 22 November 2023 14:30 (30 minutes)

Presenter: KRASZNAHORKAY, Attila (CERN)

Session Classification: Inspiration from other HEP experiments and industry

Contribution ID: **10**

Type: **not specified**

Key4HEP, FCC, fast simulation

Wednesday 22 November 2023 15:00 (30 minutes)

Presenter: HEGNER, Benedikt (CERN)

Session Classification: Inspiration from other HEP experiments and industry

Contribution ID: **11**

Type: **not specified**

ROOT

Wednesday 22 November 2023 12:00 (30 minutes)

Presenter: Dr PADULANO, Vincenzo Eduardo (CERN)

Session Classification: Inspiration from other HEP experiments and industry

Contribution ID: **12**

Type: **not specified**

View from outside of HEP

Wednesday 22 November 2023 16:30 (45 minutes)

Presenter: HEAD, Tim

Session Classification: Inspiration from other HEP experiments and industry

Contribution ID: **13**

Type: **not specified**

Discussion

Wednesday 22 November 2023 17:15 (45 minutes)

Moderator: Nicole

Minutes: Dorothea

Presenters: VOM BRUCH, Dorothea (Aix Marseille Univ, CNRS/IN2P3, CPPM, Marseille, France); Dr SKIDMORE, Nicole (University of Manchester)

Session Classification: Inspiration from other HEP experiments and industry