

FH Future Collider Day

Report of Contributions

Contribution ID: 1

Type: **not specified**

Higgs Physics, Flavour and ALPs - how they together help us understanding our universe

Monday 1 July 2024 09:15 (30 minutes)

Presenter: WEIGLEIN, Georg (T (Phenomenology))

Session Classification: Physics at Future Colliders

Contribution ID: 2

Type: **not specified**

Mumbling Discussion

Monday 1 July 2024 09:45 (10 minutes)

Session Classification: Physics at Future Colliders

Contribution ID: 3

Type: **not specified**

Plenary discussion

Monday 1 July 2024 09:55 (20 minutes)

Session Classification: Physics at Future Colliders

Contribution ID: 4

Type: **not specified**

Introduction to interactive tool

Monday 1 July 2024 09:05 (10 minutes)

Presenter: LIST, Jenny (DESY)

Session Classification: Welcome

Contribution ID: 5

Type: **not specified**

Overview on Future Collider Projects

Monday 1 July 2024 10:15 (30 minutes)

Presenter: MELONI, Federico (ATLAS (ATLAS SM and Beyond))

Session Classification: Future Collider Projects

Contribution ID: 6

Type: **not specified**

Mumbling Discussion

Monday 1 July 2024 10:45 (10 minutes)

Session Classification: Future Collider Projects

Contribution ID: 7

Type: **not specified**

Plenary discussion

Monday 1 July 2024 10:55 (20 minutes)

Session Classification: Future Collider Projects

Contribution ID: 8

Type: **not specified**

Detector R&D for Future Collider and synergies with non-energy-frontier experiments

Monday 1 July 2024 12:30 (20 minutes)

Presenters: KRUEGER, Katja (DESY (FTX Fachgruppe DTA)); GUTHOFF, Moritz (DESY)

Session Classification: Detectors for Future Colliders

Contribution ID: 9

Type: **not specified**

Mumbling Discussion

Monday 1 July 2024 12:50 (8 minutes)

Session Classification: Detectors for Future Colliders

Contribution ID: **10**

Type: **not specified**

Plenary discussion

Monday 1 July 2024 12:58 (17 minutes)

Session Classification: Detectors for Future Colliders

Contribution ID: **11**

Type: **not specified**

Ongoing Future Collider Activities in Hamburg

Monday 1 July 2024 11:45 (20 minutes)

Presenter: BEHNKE, Ties (DESY)

Session Classification: Local Activities on Future Colliders

Contribution ID: **12**

Type: **not specified**

Mumbling Discussion

Monday 1 July 2024 12:05 (8 minutes)

Session Classification: Local Activities on Future Colliders

Contribution ID: **13**

Type: **not specified**

Plenary discussion

Monday 1 July 2024 12:13 (17 minutes)

Session Classification: Local Activities on Future Colliders

Contribution ID: 14

Type: **not specified**

Event Generators for Future Colliders

Monday 1 July 2024 14:00 (20 minutes)

Presenter: REUTER, Juergen (DESY)

Session Classification: Scientific Computing for Future Colliders

Contribution ID: **15**

Type: **not specified**

Discussion

Monday 1 July 2024 14:20 (10 minutes)

Session Classification: Scientific Computing for Future Colliders

Contribution ID: 16

Type: **not specified**

Key4hep - Core, Sim and Rec Tools for Future Colliders

Monday 1 July 2024 14:30 (20 minutes)

Presenter: MADLENER, Thomas (FTX (FTX Fachgruppe SFT))

Session Classification: Scientific Computing for Future Colliders

Contribution ID: 17

Type: **not specified**

Discussion

Monday 1 July 2024 14:50 (10 minutes)

Session Classification: Scientific Computing for Future Colliders

Contribution ID: **18**

Type: **not specified**

Applying Machine Learning to Future Colliders

Monday 1 July 2024 15:00 (20 minutes)

Presenter: GAEDE, Frank (FTX (FTX Fachgruppe SFT))

Session Classification: Scientific Computing for Future Colliders

Contribution ID: **19**

Type: **not specified**

Discussion

Monday 1 July 2024 15:20 (10 minutes)

Session Classification: Scientific Computing for Future Colliders

Contribution ID: **20**

Type: **not specified**

Welcome

Monday 1 July 2024 09:00 (5 minutes)

Presenter: HEINEMANN, Beate (DESY and University of Hamburg (Germany))

Session Classification: Welcome