

German strategy workshop "The future of Collider Physics" in preparation of the ESPP update



Report of Contributions

Contribution ID: 1

Type: **not specified**

Higgs

Wednesday 27 November 2024 13:45 (45 minutes)

Presenter: MUEHLLEITNER, Margarete

Session Classification: Physics

Contribution ID: 2

Type: **not specified**

Top

Wednesday 27 November 2024 14:30 (30 minutes)

Presenter: CZAKON, Michal (RWTH Aachen University)

Session Classification: Physics

Contribution ID: 3

Type: **not specified**

EW precision

Wednesday 27 November 2024 15:00 (30 minutes)

Presenter: DITTMAIER, Stefan (University of Freiburg)

Session Classification: Physics

Contribution ID: 4

Type: **not specified**

Direct searches

Wednesday 27 November 2024 15:30 (30 minutes)

Presenter: WEIGLEIN, Georg (T (Phenomenology))

Session Classification: Physics

Contribution ID: 5

Type: **not specified**

Discussion

Wednesday 27 November 2024 16:00 (30 minutes)

Session Classification: Physics

Contribution ID: 6

Type: **not specified**

QCD

Wednesday 27 November 2024 17:00 (20 minutes)

Presenter: MOCH, Sven-Olaf (UNI/TH (Uni Hamburg, Institut fuer Theoretische Physik))

Session Classification: Physics

Contribution ID: 7

Type: **not specified**

Flavour

Wednesday 27 November 2024 17:20 (20 minutes)

Presenter: HILLER, Gudrun (U Dortmund)

Session Classification: Physics

Contribution ID: 8

Type: **not specified**

Hadron spectroscopy

Wednesday 27 November 2024 17:40 (20 minutes)

Presenter: MIKHASENKO, Mikhail (RUB)

Session Classification: Physics

Contribution ID: 9

Type: **not specified**

QCD phase diagram, high density QCD

Wednesday 27 November 2024 18:00 (20 minutes)

Presenter: WIEDEMANN, Urs (CERN)

Session Classification: Physics

Contribution ID: **10**

Type: **not specified**

Discussion

Wednesday 27 November 2024 18:20 (30 minutes)

Session Classification: Physics

Contribution ID: **11**

Type: **not specified**

LHC, HL-LHC (including Alice3 and LHCb upgrades)

Thursday 28 November 2024 08:30 (45 minutes)

Presenter: HANSMANN-MENZEMER, Stephanie (Physikalisches Institut, Heidelberg University)

Session Classification: Facilities

Contribution ID: **12**

Type: **not specified**

Belle II - Upgrade

Thursday 28 November 2024 09:15 (20 minutes)

Presenter: BERNLOCHNER, Florian (BELLE (BELLE II Experiment))

Session Classification: Facilities

Contribution ID: **13**

Type: **not specified**

LHeC, EIC (FCC-eh)

Thursday 28 November 2024 09:35 (20 minutes)

Presenter: SCHWANENBERGER, Christian (DESY, University of Hamburg)

Session Classification: Facilities

Contribution ID: **14**

Type: **not specified**

Discussion

Thursday 28 November 2024 09:55 (30 minutes)

Session Classification: Facilities

Contribution ID: 15

Type: **not specified**

Muon collider

Thursday 28 November 2024 11:25 (25 minutes)

Presenter: SCHULTE, Daniel (CERN)

Session Classification: Facilities

Contribution ID: **16**

Type: **not specified**

Plasma acceleration

Thursday 28 November 2024 11:50 (25 minutes)

Presenter: WING, Matthew (FTX (Technol. zukuenft. Teilchenph. Experim.))

Session Classification: Facilities

Contribution ID: 17

Type: **not specified**

Discussion

Thursday 28 November 2024 12:15 (30 minutes)

Session Classification: Facilities

Contribution ID: **18**

Type: **not specified**

FCC (ee, hh, eh)

Thursday 28 November 2024 13:45 (45 minutes)

Presenter: SIMON, Frank (KIT IPE)

Session Classification: Facilities

Contribution ID: **19**

Type: **not specified**

CEPC/SPPC

Thursday 28 November 2024 14:30 (30 minutes)

Presenter: DA COSTA, Joao Guimaraes (IHEP, Beijing, China)

Session Classification: Facilities

Contribution ID: 20

Type: **not specified**

LC (ILC, CLIC, HALHF, ...)

Thursday 28 November 2024 15:00 (45 minutes)

Presenter: LIST, Benno (IPP (Info-management Prozesse u. Projekte))

Session Classification: Facilities

Contribution ID: **21**

Type: **not specified**

LC HE

Session Classification: Facilities

Contribution ID: 22

Type: **not specified**

Discussion

Thursday 28 November 2024 15:45 (40 minutes)

Session Classification: Facilities

Contribution ID: 23

Type: **not specified**

Goals and constraints of Strategy Process

Thursday 28 November 2024 16:55 (20 minutes)

Presenter: JAKOBS, Karl (University of Freiburg)

Session Classification: Politics

Contribution ID: 24

Type: **not specified**

Experience with projects in China

Thursday 28 November 2024 17:15 (20 minutes)

Presenter: GRADL, Wolfgang (BELLE (BELLE II Experiment))

Session Classification: Politics

Contribution ID: 25

Type: **not specified**

Discussion

Thursday 28 November 2024 17:35 (30 minutes)

Session Classification: Politics

Contribution ID: 26

Type: **not specified**

Detector R&D

Friday 29 November 2024 08:30 (30 minutes)

Presenter: GREGOR, Ingrid-Maria (DESY/Uni Bonn)

Session Classification: Tools

Contribution ID: 27

Type: **not specified**

Theory (MC generators)

Friday 29 November 2024 09:00 (30 minutes)

Presenter: SCHUMANN, Steffen (Uni Goettingen)

Session Classification: Tools

Contribution ID: 28

Type: **not specified**

Computing, Data Analysis Tools, AI

Friday 29 November 2024 09:30 (30 minutes)

Presenter: HEINRICH, Lukas (CERN)

Session Classification: Tools

Contribution ID: 29

Type: **not specified**

Discussion

Friday 29 November 2024 10:00 (30 minutes)

Session Classification: Tools

Contribution ID: **30**

Type: **not specified**

Welcome and introduction

Wednesday 27 November 2024 08:30 (5 minutes)

Presenter: LUPBERGER, Michael (University of Bonn)

Session Classification: yHEP Workshop

Contribution ID: **31**

Type: **not specified**

Bonn workshop recap

Wednesday 27 November 2024 08:35 (25 minutes)

Presenters: REICHENBACH, Leonhard (CERN / Uni Bonn); LUPBERGER, Michael (University of Bonn)

Session Classification: yHEP Workshop

Contribution ID: 32

Type: **not specified**

European strategy process organisational aspects

Wednesday 27 November 2024 09:00 (25 minutes)

Presenters: LACKER, Heiko (Z_ATLAS (Experiment ATLAS)); LACKER, Heiko; LACKER, Heiko (Humboldt University of Berlin)

Session Classification: yHEP Workshop

Contribution ID: 33

Type: **not specified**

Options for yHEP input to ESPPU

Wednesday 27 November 2024 09:25 (15 minutes)

Presenters: ARLING, Jan-Hendrik (DESY); LUPBERGER, Michael (University of Bonn)

Session Classification: yHEP Workshop

Contribution ID: 34

Type: **not specified**

Open plenary discussion in yHEP community

Wednesday 27 November 2024 09:40 (2 hours)

Session Classification: yHEP Workshop

Contribution ID: 35

Type: **not specified**

Summary and closeout

Wednesday 27 November 2024 11:40 (20 minutes)

Session Classification: yHEP Workshop

Contribution ID: 36

Type: **not specified**

High Field Magnets and scenarios for future hadron colliders

Thursday 28 November 2024 11:00 (25 minutes)

Presenter: ZIMMERMANN, Frank (CERN)

Session Classification: Facilities

Contribution ID: 37

Type: **not specified**

Introduction to WS

Wednesday 27 November 2024 13:30 (15 minutes)

Presenter: HALLER, Johannes (Institut für Experimentalphysik, Universität Hamburg)

Session Classification: Introduction