

**Annual meeting 2025 of  
particle physicists in Germany  
and Strategy Workshop in  
preparation of the ErUM-Pro  
funding call**

**Report of Contributions**

Contribution ID: 1

Type: **not specified**

## Proposal of an annual detector school

*Thursday 20 November 2025 19:30 (15 minutes)*

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

Contribution ID: 3

Type: **not specified**

## **KET Meeting (restricted, will start right after the end of the workshop plenary program)**

*Saturday 22 November 2025 15:30 (2 hours)*

Contribution ID: 4

Type: **not specified**

## Report from KET

*Friday 21 November 2025 08:30 (25 minutes)*

**Presenter:** Prof. FELD, Lutz (RWTH Aachen)

Contribution ID: 5

Type: **not specified**

## Contribution from BMFTR

*Friday 21 November 2025 09:00 (25 minutes)*

Contribution ID: 6

Type: **not specified**

## **Funding of particle physics by the DFG**

*Friday 21 November 2025 09:30 (15 minutes)*

**Presenter:** Dr KRÄMER, Manuel (DFG)

Contribution ID: 7

Type: **not specified**

## **Highlights from the LHC-Experiments and from Belle II**

*Friday 21 November 2025 09:50 (25 minutes)*

**Presenter:** CRISTINZIANI, Markus (Universität Siegen)

Contribution ID: 8

Type: **not specified**

# Update of the European Strategy for Particle Physics

*Friday 21 November 2025 11:15 (15 minutes)*

**Presenter:** DUNFORD, Monica (Heidelberg University, KIP)



Contribution ID: 9

Type: **not specified**

# Theory challenges for HL-LHC and beyond

*Friday 21 November 2025 10:20 (20 minutes)*

**Presenter:** Prof. MELNIKOV, Kirill (KIT Karlsruhe)

Contribution ID: **10**

Type: **not specified**

## **Excellence Clusters on particle physics**

*Friday 21 November 2025 11:35 (15 minutes)*

**Presenter:** GARUTTI, Erika (UNI/EXP (Uni Hamburg, Institut für Experimentalphysik))

Contribution ID: **11**

Type: **not specified**

## **ErUM-Data: new projects and future of the ErUM Data Hub**

*Friday 21 November 2025 11:55 (15 minutes)*

**Presenters:** ERDMANN, Martin (RWTH Aachen University); ERDMANN, Martin (RWTH Aachen University)

Contribution ID: **12**

Type: **not specified**

## Report from yHEP

*Friday 21 November 2025 12:15 (15 minutes)*

**Presenters:** GURDASANI, Simran Sunil (Z\_ATLAS (Experiment ATLAS)); GURDASANI, Simran Sunil (Albert-Ludwigs-Universität Freiburg); GURDASANI, Simran Sunil (Albert-Ludwigs-Universität Freiburg)

Contribution ID: **13**

Type: **not specified**

## Report from KAT

*Friday 21 November 2025 14:00 (15 minutes)*

**Presenter:** ULI KATZ OR NEW KAT CHAIR

Contribution ID: **14**

Type: **not specified**

## Report from DESY

*Friday 21 November 2025 14:20 (15 minutes)*

**Presenters:** HUSEMANN, Ulrich (ATLAS (ATLAS-Experiment)); HUSEMANN, Ulrich (Institute of Experimental Particle Physics - Karlsruhe Institute of Technology - KIT)

Contribution ID: 15

Type: **not specified**

## Report from CERN

**Presenter:** JOACHIM MNICH INVITED

Contribution ID: **16**

Type: **not specified**

## Report from CERN

*Friday 21 November 2025 14:40 (20 minutes)*

**Presenter:** DESCH, Klaus (University of Bonn)



Contribution ID: 17

Type: **not specified**

## **Introduction to the Strategy Workshop in Preparation of the ErM-Pro Funding Call**

*Friday 21 November 2025 16:00 (15 minutes)*

**Presenter:** Prof. FELD, Lutz (RWTH Aachen)

Contribution ID: **18**

Type: **not specified**

## **News from LHC and Belle 2 ErUM-FSP Offices, and Netzwerk Teilchenwelt**

*Friday 21 November 2025 13:40 (15 minutes)*

**Presenter:** HAVES, Sophia (FTX (Technol. zukuenft. Teilchenph. Experim.))

Contribution ID: **19**

Type: **not specified**

# Update of the European Strategy for Particle Physics

*Thursday 20 November 2025 19:45 (1h 15m)*

**Presenters:** DESCH, Klaus (University of Bonn); DUNFORD, Monica (Heidelberg University, KIP)

Contribution ID: **20**

Type: **not specified**

## ErUM Pro Funding

*Friday 21 November 2025 16:15 (15 minutes)*

**Presenters:** SCHULTZ-COULON, H.-C. (Universität Heidelberg); SCHULTZ-COULON, Hans-Christian (Heidelberg University)

Contribution ID: **21**

Type: **not specified**

# **Theory prospects and needs for running and future collider projects**

*Friday 21 November 2025 16:35 (30 minutes)*

**Presenter:** LENZ, Alexander (Siegen University)

Contribution ID: 22

Type: **not specified**

## Detector R&D for Future Colliders

*Friday 21 November 2025 17:10 (15 minutes)*

**Presenter:** DINGFELDER, Jochen (University of Bonn)

Contribution ID: 23

Type: **not specified**

## Paradigm canging Technologies for Future Colliders

*Friday 21 November 2025 17:30 (15 minutes)*

**Presenters:** KIESELER, Jan (KIT); KIESELER, Jan (KIT)

Contribution ID: 24

Type: **not specified**

## **Discussion on R&D and Studies for Future Colliders**

*Friday 21 November 2025 17:50 (30 minutes)*



Contribution ID: 25

Type: **not specified**

## Introduction to Session on Community Topics

*Friday 21 November 2025 19:20 (5 minutes)*

**Presenters:** BLEKMAN, Freya; BLEKMAN, Freya (DESY/University of Hamburg); HALLER, Johannes (UNI/EXP (Uni Hamburg, Institut für Experimentalphysik)); HALLER, Johannes (Institut für Experimentalphysik, Universität Hamburg)

Contribution ID: 26

Type: **not specified**

## Sustainability

*Friday 21 November 2025 19:25 (15 minutes)*

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

Contribution ID: 27

Type: **not specified**

## View of Early Career Researchers

*Friday 21 November 2025 19:45 (15 minutes)*

**Presenters:** GURDASANI, Simran Sunil (Z\_ATLAS (Experiment ATLAS)); GURDASANI, Simran Sunil (Albert-Ludwigs-Universität Freiburg); GURDASANI, Simran Sunil (Albert-Ludwigs-Universität Freiburg)

Contribution ID: **28**

Type: **not specified**

## Netzwerk Teilchenwelt

*Friday 21 November 2025 20:05 (10 minutes)*

**Presenter:** Prof. KLEIN-BÖSING, Christian (WWU Münster)

Contribution ID: 29

Type: **not specified**

## **LHC and Belle 2 Offices**

*Friday 21 November 2025 20:20 (10 minutes)*

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

Contribution ID: **30**

Type: **not specified**

## **Pannel Discussion "Future of Outreach"**

*Friday 21 November 2025 20:35 (30 minutes)*

**Presenters:** BLEKMAN, Freya; BLEKMAN, Freya (DESY/University of Hamburg)

Contribution ID: 31

Type: **not specified**

## Guided Discussion on Community Topics

*Friday 21 November 2025 21:05 (40 minutes)*

**Presenters:** HALLER, Johannes (UNI/EXP (Uni Hamburg, Institut für Experimentalphysik)); HALLER, Johannes (Institut für Experimentalphysik, Universität Hamburg)

Contribution ID: 32

Type: **not specified**

## Introduction to Session on Running Collider Projects

*Saturday 22 November 2025 08:30 (5 minutes)*

**Presenters:** HILLER, Gudrun; SCHULTZ-COULON, H.-C. (Universität Heidelberg); SCHULTZ-COULON, Hans-Christian (Heidelberg University); KUHR, Thomas (LMU Munich)



Contribution ID: 33

Type: **not specified**

## **ATLAS –Phase II Completion and Restart**

*Saturday 22 November 2025 08:35 (15 minutes)*

**Presenter:** WAGNER, Wolfgang (Bergische Universität Wuppertal)

Contribution ID: 34

Type: **not specified**

## **CMS –Phase II Completion and Restart**

*Saturday 22 November 2025 08:55 (15 minutes)*

**Presenters:** SCHMIDT, Alexander (RWTH Aachen); SCHMIDT, Alexander (RWTH Aachen)

Contribution ID: 35

Type: **not specified**

## **LHCb –Plans for Run-4 and the Phase IIb Upgrade**

*Saturday 22 November 2025 09:15 (15 minutes)*

**Presenters:** ALBRECHT, Johannes (TU Dortmund); ALBRECHT, Johannes (TU Dortmund)

Contribution ID: 36

Type: **not specified**

## **Belle II –Data Taking and Upgrade Plans**

*Saturday 22 November 2025 09:35 (15 minutes)*

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

Contribution ID: 37

Type: **not specified**

## Federated Computing

*Saturday 22 November 2025 09:55 (15 minutes)*

**Presenter:** KUHR, Thomas (LMU Munich)

Contribution ID: **38**

Type: **not specified**

## Discussion on Running Collider Projects

*Saturday 22 November 2025 10:15 (30 minutes)*

Contribution ID: 39

Type: **not specified**

## Introduction to Session on Projects complementary to Colliders

*Saturday 22 November 2025 11:15 (5 minutes)*

**Presenters:** LACKER, Heiko (Z\_ATLAS (Experiment ATLAS)); LACKER, Heiko; LACKER, Heiko (Humboldt University of Berlin); KADO, Marumi (Max Planck Institute for Physics); GURDASANI, Simran Sunil (Z\_ATLAS (Experiment ATLAS)); GURDASANI, Simran Sunil (Albert-Ludwigs-Universität Freiburg); GURDASANI, Simran Sunil (Albert-Ludwigs-Universität Freiburg)

Contribution ID: 40

Type: **not specified**

## Accelerator based neutrino experiments

*Saturday 22 November 2025 11:20 (10 minutes)*

**Presenter:** WURM, Michael (Universität Mainz)



Contribution ID: 41

Type: **not specified**

## Searches for Axions and Axion-like Particles

*Saturday 22 November 2025 11:35 (15 minutes)*

**Presenters:** VOGEL, Julia Katharina (TU Dortmund); VOGEL, Julia (LLNL)

Contribution ID: 42

Type: **not specified**

## LUXE

*Saturday 22 November 2025 11:55 (10 minutes)*

**Presenter:** JACOBS, Ruth Magdalena (FHR (Bereichsreferent FH))

Contribution ID: 43

Type: **not specified**

## SHiP

*Saturday 22 November 2025 12:10 (15 minutes)*

**Presenters:** LACKER, Heiko (Z\_ATLAS (Experiment ATLAS)); LACKER, Heiko; LACKER, Heiko (Humboldt University of Berlin)

Contribution ID: 44

Type: **not specified**

## Kaon experiments

*Saturday 22 November 2025 13:30 (10 minutes)*

**Presenters:** WANKE, Rainer (UNI/EXP (Uni Hamburg, Institut fur Experimentalphysik)); WANKE, Rainer (University of Mainz); WANKE, Rainer

Contribution ID: 45

Type: **not specified**

**Placeholder**

Contribution ID: 46

Type: **not specified**

## **Discussion on Projects complementary to Colliders**

*Saturday 22 November 2025 13:45 (45 minutes)*

Contribution ID: 47

Type: **not specified**

## Concluding Discussion of the Strategy Workshop

*Saturday 22 November 2025 14:30 (1 hour)*