

# FCC PED Status in Germany

**Frank Simon**

FCC Physics Workshop, January 2024

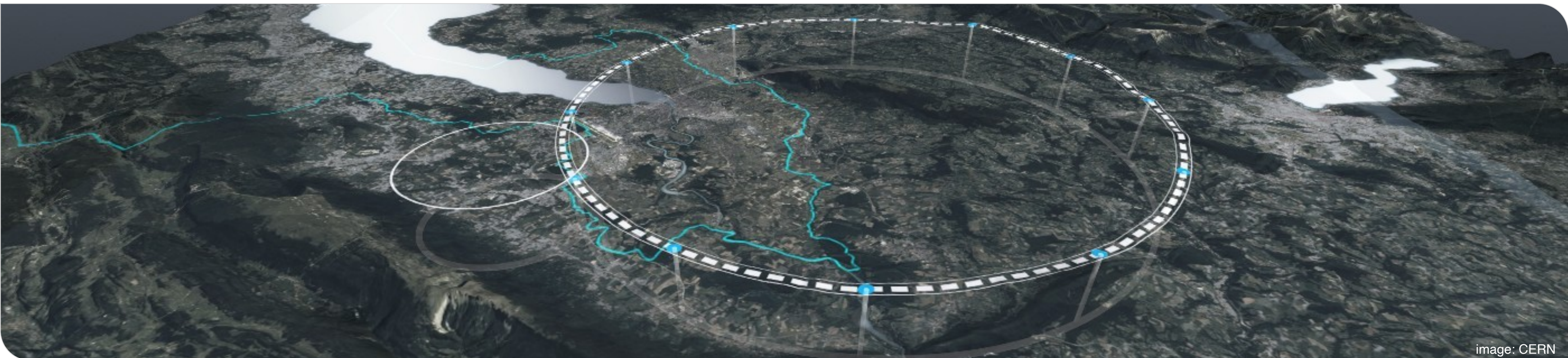


image: CERN

- Seeing an increase in interest to engage in FCC specific activities:
  - Currently 8 institutions in some cases with multiple groups / PIs:  
6 universities (incl. KIT), DESY, MPP Munich.
- Concrete activities (still) at a very low level - number of explicit FTEs low single-digits:  
To a large extent due to funding structure. Resources fully committed to running projects, in particular LHC, LHC Phase II upgrades.
  - Only few groups have “flexible” resources - research laboratories (DESY, MPP, KIT), larger independent grants at universities (KIT Markus Klute).
- Main focus of most groups connected to detector R&D activities: DRD collaborations in response to the ECFA detector R&D roadmap.
  - Expect outcome of BMBF funding for 2024 - 2027 in April.
- Work on physics performance studies, detector optimisation in groups with more resource flexibility.

# Engagement of People

## *Visible Roles*

- Christophe Grojean (DESY): Co-Coordinator of FCC PED Study
- Felix Sefkow (DESY): Co-convener Detector Concepts
- Markus Klute (KIT): Speaker's Board
- Ties Behnke (DESY): ILD Concept Contact
- Frank Simon (KIT): Co-convener Physics Program

- Community-wide discussion of future colliders at November 2023 annual KET meeting:  
For the first time clear majority for a “breaking of the symmetry” in the consideration of different future collider options, recognizing the advances in the FCC FS, and the general progress towards a realization of the FCC.
- A community workshop in Bonn, May 22 - 24, 2024: “Future Collider @ CERN”.  
Primarily a discussion in the German community, with some outside speakers on selected topics.
  - To identify the interest and possible contributions of the German HEP community to the next collider at CERN.
  - Focus on FCC-ee, but also discuss “alternatives”.
  - Develop a plan for concrete involvement - both in the final project, and more immediately in the FS.
  - Organizing Committee set up, first meeting took place today.