

## HEP: Future Colliders 1

*Tuesday, 20 August 2024 10:00 (45 minutes)*

The „next big thing“ in HEP colliders has still a long way to go. While the community agrees that the next energy-frontier collider should be a Higgs Factory, the path towards realisation, the form factor, or even the family of colliding particles has still to be decided. The path towards very high collision energies is even less clear and has a lot of technological challenges to pass. I will discuss the possible developments starting with HL-LHC towards the next circular (FCC, CEPC, Muons) or linear (ILC, CLIC) collider.

**Presenter:** Dr BUESSER, Karsten (DESY)