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## The CDCS - A Collaborative Research Center for Data Science in Hamburg

The Center for Data and Computing in Natural Sciences (CDCS) is a joint facility of the University of Hamburg, the German Electron Synchrotron DESY and the Hamburg University of Technology. An increasing amount of scientific research projects rely on modern information technology. To accommodate for this development, the CDCS incorporates four Cross-Disciplinary Labs (CDLs) which are supported by a Computational Core Unit (CCU). The CDLs focus on the following topics:

CDL1: Computational Astro- and Particle Physics

CDL2: Computational Photon Science

CDL3: Computational Systems Biology

CDL4: Computational Control of Accelerators

We are going to give an overview of the CDCS and the current projects we are working on, as well as the first results of this collaborative setup.

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### Keywords

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