What is PDC?

PDC provides supercomputing and data storage resources to facilitate Swedish and European research.

Who can use PDC's resources?

- Swedish academic researchers via the Swedish National Infrastructure for Computing (SNIC)
- European academic researchers via the Partnership for Advanced Computing in Europe (PRACE)
- Swedish and European industrial researchers via the PRACE SME HPC Adoption Programme in Europe (SHAPE) and also by direct arrangement with PDC

Note that using PDC's resources through SNIC or PRACE is free of charge.

PDC provides

- supercomputer systems for large simulations and calculations
- systems for processing data before and after simulations or calculations
- software for simulation and modelling
- storage for large volumes of data
- assistance with using PDC's computing and storage resources
- experts in different research fields to assist you with using and/or scaling software

Beskow, PDC's Cray XC40

Who is at PDC?

- **Systems group** - install hardware and software on the system level, solve system level problems, keep machines running
- **First-line support** - help researchers with basic queries about using PDC systems
- **Application Experts** - help with more complex queries, especially related to software for specific research areas
- **Research group** - coordinate PDC's participation in various European and global projects, finds ways to get better performance using high performance computing systems

Projects

PDC is involved with a range of national and European High Performance Computing (HPC) projects such as the following.

- HPCE3
- PRACE
- Excellerat
- SeRC
- BioExcel
- Vestec
- EPiGRAM-HS
- Sage2

Where and how?

- hosted at the School of Electrical Engineering and Computer Science (EECS) at the KTH Royal Institute of Technology, Stockholm
- member of SNIC
- receives funding from SNIC, KTH and a range of projects

Contact

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PDC Center for High Performance Computing ⊞ SNIC