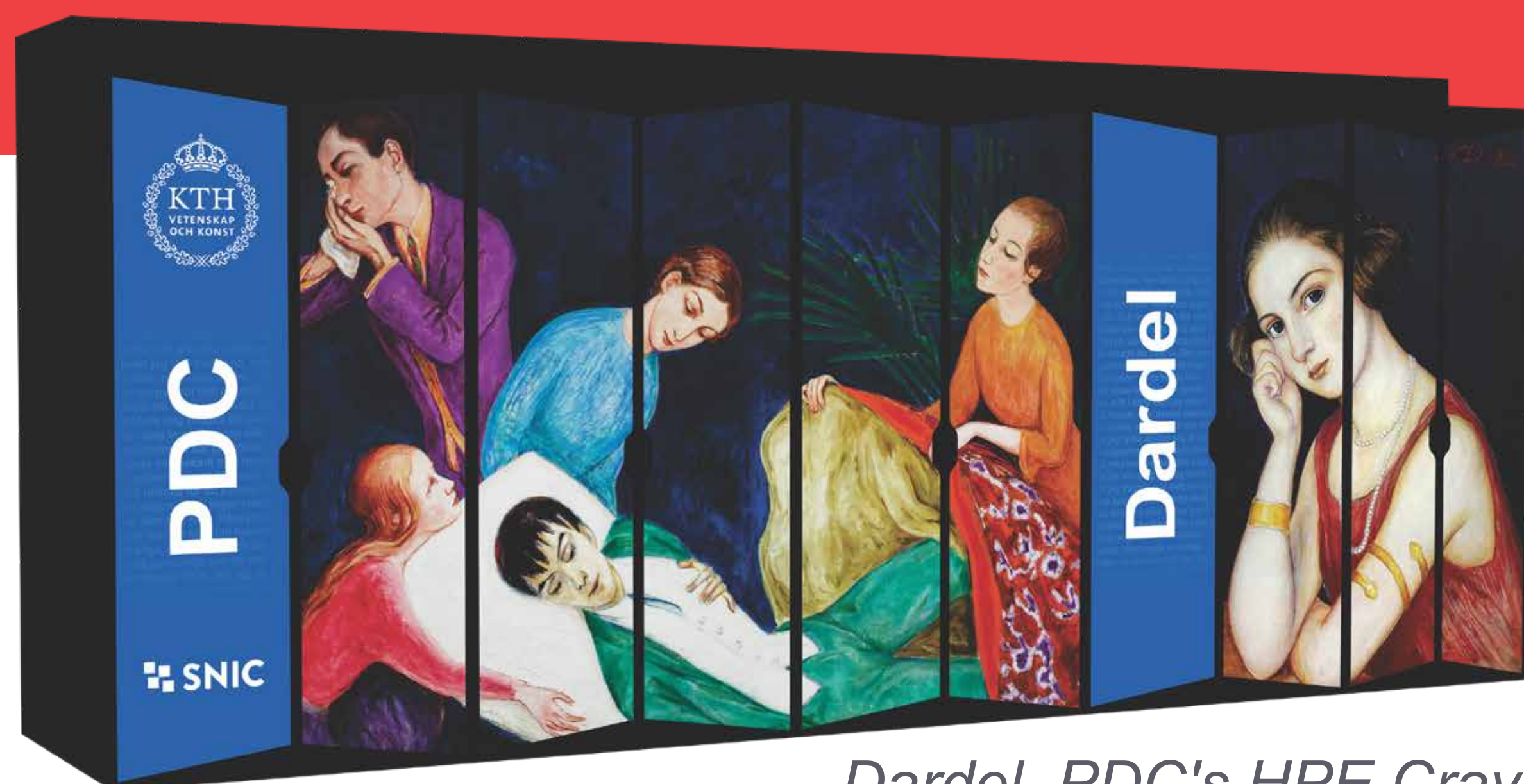


# What is PDC?

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

## 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



*Dardel, PDC's HPE Cray EX*

## 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.

## 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  | • TRES       | • PerMedCoE   |
| • PRACE  | • BioExcel   | • NeIC        |
| • Vestec | • Excellerat | • EOSC-Nordic |
| • SeRC   | • Sage2      | • HBP         |

## 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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