DeIC

DeIC National Supercomputing resources

Do you want to develop new products, reduce costs and time to market? Or do you want to do bigger, better, more exciting science and innovation?

DeIC (Danish e-Infrastructure Cooperation)

DeIC is a virtual unit under the Danish Ministry of Higher Education and Science and the result of an agreement between the eight Danish universities and the Danish Agency for Science and Higher Education.

www.deic.dk

DeIC eScience Center

DeIC eScience Center works to disseminate the use of eScience (the collection, processing, and use of scientific information in data form) in Denmark. The Center shares knowledge about eScience usage and collaborates with universities and industry to integrate eScience competences on-site. Knowledge about eScience exists at the universities. Therefore, the purpose of the center is to collaborate and network with the universities in order to spread the knowledge nationally across research areas and industry.

We help users find technical support for data processing using supercomputing. The resources may be located locally at each university or at the DeIC national supercomputing resources.

escience.deic.dk

Abacus 2.0

The Abacus 2.0 supercomputer, hosted at the DeIC National HPC (High Performance Computing) centre, SDU, is a state-of-the-art solution optimized for a wide range of applications in computational science and technology. Open to researchers and industrial applications. Current applications cover advanced modeling and simulations in chemistry, material science, biophysics, high-energy physics, engineering, computational medicine, archeology as well as scientific data visualization.

SDU

abacus.deic.dk

Computerome

The DeIC National LifeScience Supercomputer named "Computerome" has put Denmark at the forefront of research within life-sciences and healthcare. It offers researchers the ability to process enormous volumes of biological and healthcare data. Computerome is a state of the art supercomputer providing services such as big data analytics, artificial intelligence, personalized medicine and cancer research. It has been fundamental in building the Danish reference genome in record time as well as help building new drugs personalized for the patients.

DTU

computerome.dtu.dk

The Cultural Heritage Cluster

The DeIC National Cultural Heritage Cluster, Royal Danish Library provides state-of-the-art technologies within data science. It facilitates quantitative research projects on the digital Danish cultural heritage such as radio and television programs, archived websites, and historical newspapers. A large part of this project is also to explore how the humanities may employ big data methods as a research tool.

DET KGL. BIBLIOTEK
Royal Danish Library

kulturarvscluster.dk