

Terms of Reference

Digital Infrastructure Committee, Faculty of Technical Sciences

Purpose

State of the art digital infrastructure for computing power and storage is crucial for fulfilling the ambitions in AU “Strategy “2025” on more interdisciplinary research powered by large datasets and algorithms while ensuring sufficient data protection. Tech needs to improve its data infrastructure and data management in order to meet national and international requirements and reap the benefits of research and teaching powered by data from across the faculty.

The purpose of the Digital Infrastructure Committee at the Faculty of Technical Sciences is to contribute to the strategic objectives by managing and coordinating the digital infrastructure and resources at Tech related to both computing and storage. The Committee should contribute to new HPC-initiatives that power new research areas in and between existing research areas.

The Digital Infrastructure Committee at Tech should be a forum for strategic discussions and exchanges of experiences across departments and interface with the AU HPC Committee.

Responsibilities

The responsibilities of the Digital Infrastructure Committee at Tech includes among others:

- Prepare the chair (Vice-Dean) and qualify on local needs, proposals and challenges related to digital infrastructure, computing and storage
- Management and coordination of digital infrastructure and resources at Tech including computing capacities and storage
- Present proposals to the Faculty Management regarding overall strategic principles and direction for digital infrastructure as well as investments and maintenance
- Advise the Deanship and Faculty Management on digital infrastructure matters
- Discuss and launch initiatives to strengthen collaboration across the faculty on larger HPC/digital infrastructure projects and activities
- Mutual information, consultation and exchange of experiences about digital infrastructure needs, proposals and challenges
- Facilitate outreach and dialogue with external partners on digital infrastructure



Secretariat

Aarhus University
Ny Munkegade 120
DK-8000 Aarhus C
Denmark

Tel.: +45 8715 0000
Fax: +45 8715 2068
E-mail: scitech@au.dk
Web: tech.au.dk/en

- Raise awareness on HPC-capacities across the faculty in order to promote the use of HPC
- Contribute to the AU HPC Committee
- Distribution and coordination of resources provided via Danish E-infrastructure Cooperation (DEiC)
- Contribute to the roll-out of ERDA/SIF-platform at Tech
- Coordinate it-security and data protection compliance

Committee members

- The Vice-Dean for research chairs the committee.
- Head of Departments/Centres are invited to nominate 1-2 members of the committee.
- AU IT is invited to nominate a member to the committee.

Meeting frequency

The committee meets every other month.

Secretariat

The Digital Infrastructure Committee at Technical Sciences is served by the Dean's Secretariat, who is also responsible for coordination with and involvement of other stakeholders at AU.