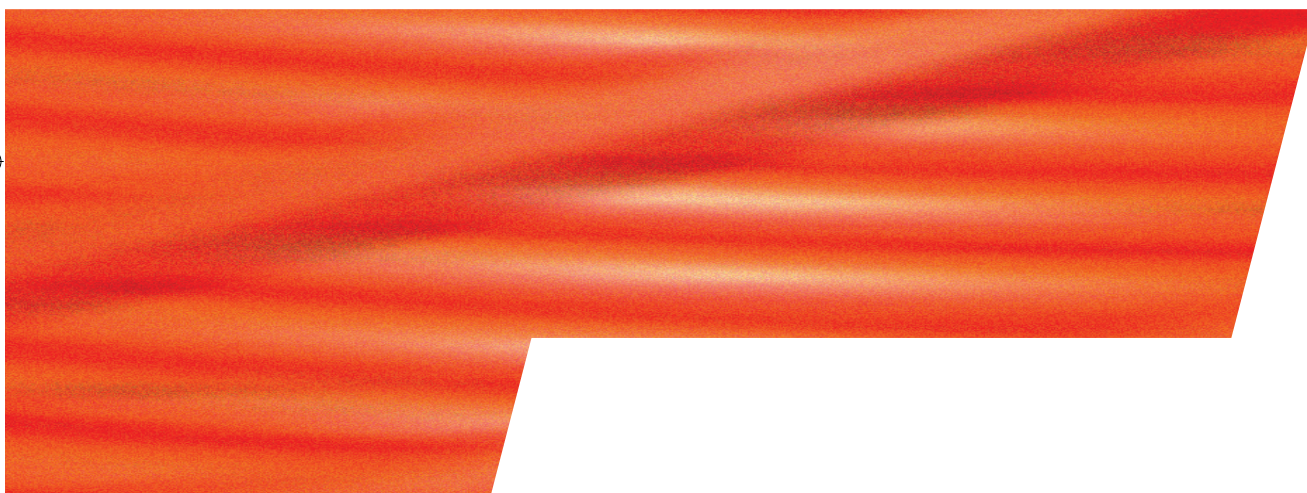
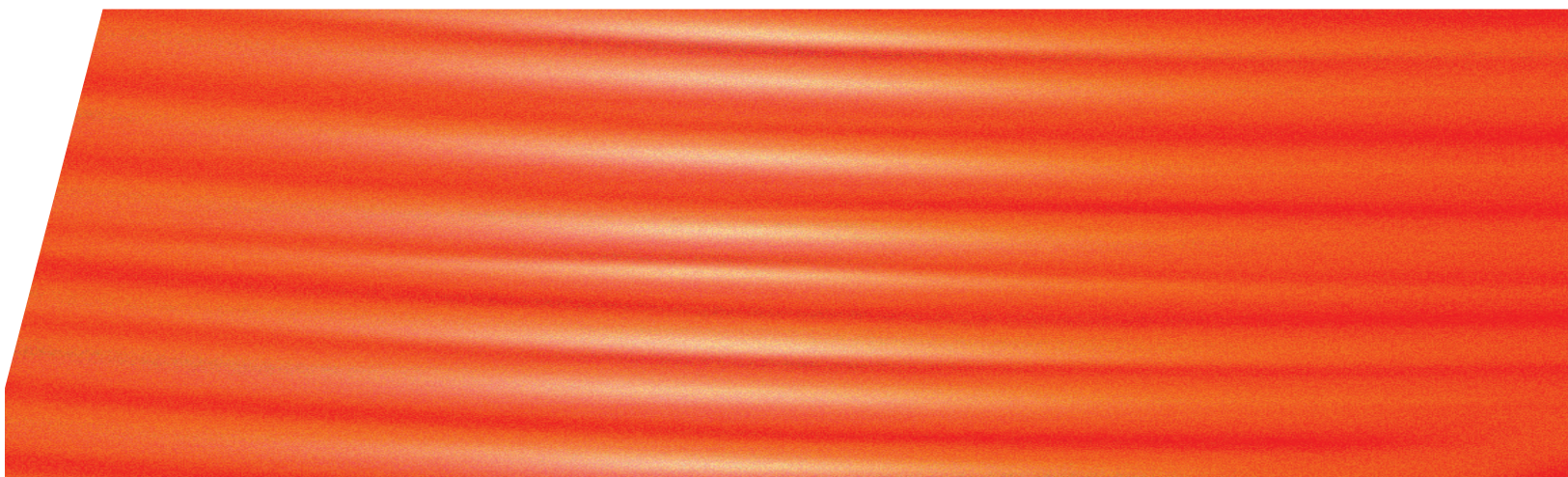




Forskningsnettet



## Forskningsnettet

– your network for research and education, collaboration and communication.

Forskningsnettet (the Danish Research Network) connects Danish universities and research institutions with high capacity network – and with other international research networks.

Forskningsnettet 



Forskningsnettet operates and develops network and services to universities and research institutions in Denmark. Operation and development is done in close collaboration with the connected institutions.

## Getting started

Contact your local it-department, if you want to know how to get started using the research network and services. Contact Manager of the Network Secretariat Steen Pedersen, [sp@adm.dtu.dk](mailto:sp@adm.dtu.dk), or Head of Division Martin Bech, [martin.bech@uni-c.dk](mailto:martin.bech@uni-c.dk). if your institution wants to connect to forskningsnettet.

## Technical issues

Forskningsnettet differs from the ordinary ISP in many ways:

- There is

- focus on quality and performance of the transmission through hands-on control of all parts of the network, all the way down to our own black fibres, amplifier stations and dedicated network elements
- no overbooking of backbone and equipment
- continuous monitoring of quality and up-time, which is then published with all details
- price independent of traffic volume
- possibility of dedicated connections between geographically separate parts of the institution, often with lower costs than is obtainable for the individual institution
- possibility for the institution of having own VLAN and/or MPLS-structure with Forskningsnettet as backbone
- support for IPv6 and multicast
- possibility of having structures available for network tests, research and development
- connection to international high capacity networks through NORDUnet and GÉANT, as well as peering with the commercial internet
- possibility of establishing national and international *ad hoc* dedicated lightpaths
- Forskningsnettet is controlled by the users on a non-commercial basis
- Forskningsnettet is open for all institutions with research-and/or education as a central part of their object – including private research departments, the health sector and student dormitories.

Forskningsnettet operates of course with a goal of uptime around the clock at 100,0% on the optical backbone and 99,7% on all other parts.



## Services from Forskningsnettet

- edu roam – wireless and free
- iPass – internet to the travellers
- Lightpath Service – extra high capacity for national and international exchange of large data amounts
- Connect – online meetings and collaboration
- wayf.dk – one username and one password
- Vulnerability scanning – protect it-systems and applications
- Vulnerability database – stay one step ahead of the security threats
- Server certificates – secure communication on the internet
- Incident response – help in handling security incidents

## News and activities

- Forskningsnettet's conference – meet colleagues from across the country and get an update on the news in infrastructure and technique
- Forskningsnettet's newsletter – news for the users of Forskningsnettet and for everyone else interested in technical network
- CERT newsletters and trend reports – news from the security front