



Dear researcher at SDU

We at the eScience Center would like to wish you a happy new year!

2021 brought many exciting events with it, broadening the opportunities and services available to Danish researchers within the area of HPC (High Performance Computing) and cloud infrastructure. To name a few:

In March, the DeiC HPC Type 3 (hosted and maintained by the SDU eScience Center) [became available](#). Also in March, the DeiC Interactive HPC facility (or HPC Type1) was expanded to include [the GPUs and Virtual Machine infrastructure at AAU](#).

In September, [UCloud reached more than 2000 users](#) (!), and in November, it became possible for Danish researchers, industry (open Research and Development) and public sector organizations to [apply for regular access to HPC facilities from EuroHPC](#).

Finally, just before the Christmas break, researchers in Denmark [were able to apply for resources](#) on one of the fastest supercomputers in the world: the pan-European, pre-exascale supercomputer placed in Finland, LUMI (Large Unified Modern Infrastructure).

We are looking forward to 2022 and to all the possibilities and exciting events that the new year will bring with it. In our January newsletter below, we can already unveil some of them, e.g. a new, major UCloud update which was released on the 4th of January.

Read below to discover more news!

The next eScience Center newsletter will be out in March 2022.



## [New Featured Projects](#)

The eScience Center aims to support a large amount of research projects at SDU. Some concrete examples of research projects that have benefited from our services is presented in the section “Featured Project [Read more ...](#)”



### [Major UCloud update](#)

In November 2020, the Danish universities coordinated by DeiC committed to working closely together to provide a joint platform to access all the DeiC national services such as the national HPC facilities. The project known as DeiC Project 5 [Read more ...](#)



### [LUMI full system architecture revealed](#)

The full LUMI system architecture has been revealed. You can visit the LUMI website for more information:

<https://www.lumi-supercomputer.eu/lumis-full-system-architecture-revealed/>  
[Read more ...](#)



### [Denmark will no longer be part of PRACE](#)

From the 1st of January 2022, the Danish universities and DeiC have decided to leave PRACE in order to focus on the EuroHPC initiative instead. The expectation is that the European access to HPC will be provided by the [Read more ...](#)

## Contact us

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## SDU Data Protection



## Collaborations

