



Dear researcher at SDU

Below you'll find the October edition of the eScience Center's newsletter, where we give you an update on the recent events at the center and our services, which aim to support your innovative modern research through HPC (High Performance Computing) and cloud infrastructure.

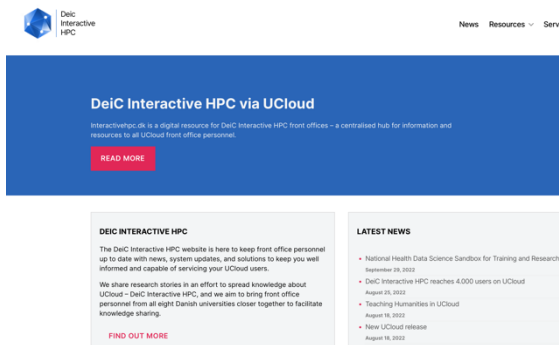
Towards the end of August, we announced that UCloud had reached 4000 users. The success of UCloud as a national service was already evident from the first year with DeiC Interactive HPC, where UCloud reached 2000 users. Now, UCloud's success had once again been confirmed. However, the news we posted in August did not even factor in that the start of the semester was only a few weeks away. Since the 1st of September, hundreds of students across the Danish universities have created an account on UCloud, and the platform is therefore already approaching **5000 users** (!).

To provide you with an example of how UCloud is used for teaching, we've published an interview with two data scientists, who are working on the project *National Health Data Science Sandbox for Training and Research*. UCloud was used for a course organized in connection with the project, and the course material is now available as an app, which can be used by other researchers organizing similar courses or for independent study by any student or researcher.

Other news include an upgrade of the DeiC Large Memory HPC system, LUMI-Q being selected as one of the first European quantum computers and the DeiC Interactive HPC consortium launching a new website – read more below!

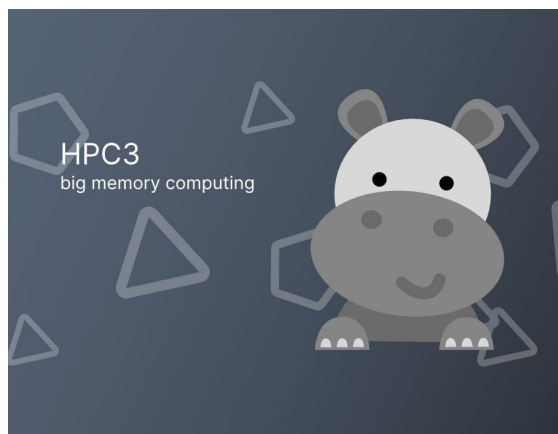
**Remember** that you can still apply for the national HPC resources reserved for SDU employees only (the call will remain open until the remaining resources for 2022 have been allocated). **Also:** the EuroHPC JU has announced a call for proposals for Extreme Scale Access mode. This call is continuously open.

We'll be back with the last eScience Center newsletter in 2022 in December.



### [New DeiC Interactive HPC website](#)

The DeiC Interactive HPC consortium has launched a new website! The content of the website is aimed primarily at the Danish universities' Front Offices, but will also include news and inspirational stories relevant for all with an interest in digital research. [Read More ...](#)



### [Upgrade of DeiC Large Memory HPC System](#)

DeiC Large Memory system is a small cluster intended for calculations requiring a large amount of memory. While the system is designed for large memory calculations, it is configured as a traditional HPC system. The system has [Read more ...](#)



### [LUMI-Q is one of six new European quantum computers](#)

The European High-Performance Computing Joint Undertaking (EuroHPC JU) has selected six sites that will host the first European quantum computers. The LUMI-Q consortium, which Denmark participates in, has been chosen to host one of the quantum computers [Read more ...](#)



### [EuroHPC JU Call for Proposals for Extreme Scale Access Mode is open](#)

The European High Performance Computing Joint Undertaking (EuroHPC JU) has launched a call to access its pre-exascale supercomputers. This call is targeting HPC applications with high-impact and high-gain innovative research from all fields of science. The EuroHPC supercomputers [Read more](#)

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### [National Health Data Science Sandbox for Training and Research](#)

UCloud is not just an ideal platform for the individual researcher who wants interactive access to HPC resources or an easy way to collaborate with national or international partners. It is also highly suitable for teaching. Jennifer Bartell

[Read more ...](#)



### [Apply for HPC resources \(SDU employees only\)](#)

The call for applications for HPC resources available to SDU employees only is open until the remaining resources for 2022 have been allocated. Submitted applications will be evaluated on a continuous basis. There are remaining resources on [Read more](#)

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### [UCloud reaches 4000 users!](#)

We're approaching the end of the second year with DeiC Interactive HPC – and there are now 4000 users on UCloud! During the first year with DeiC Interactive HPC, UCloud reached more than 2000 users. We're glad [Read more](#)

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#### SDU Data Protection



#### Collaborations



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