Dear researcher at SDU

Below you'll find the December 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.
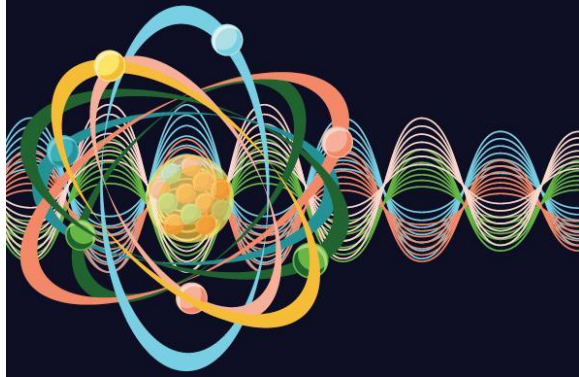
On December 3rd, UCloud reached 5000 users! There has been an impressive growth of users on the platform this fall: 1000 new users since the end of August. Moving into the third year with the National HPC services, it is evident that UCloud has diversified the use of HPC across different fields of research by lowering the threshold for non-experts, has proven extremely useful for teaching and is now increasingly used by all universities in Denmark.

Other news include that the LUMI (Large Unified Modern Infrastructure) supercomputer was recognized in the annual HPCwire Readers' and Editors' Choice Awards, announced at the International Conference for High Performance Computing, Networking, Storage, and Analysis (SC22), in Dallas, Texas. LUMI was recognized with the Editors' Choice: Best Sustainability Innovation in HPC. Also at SC22, LUMI maintained its position as one of the fastest and greenest supercomputers in the world on the [Top500 list](#).

You will also find an interview with postdoc Tobias Tsang from the Centre for Cosmology and Particle Physics Phenomenology (CP^3-Origins) at SDU regarding his experience with using UCloud in combination with larger and more traditional supercomputers, as well as eScience Center staff's reports from this year's DeiC Conference – read more below!

Remember that you can participate in the next eScience Center user forum on the **26th and 31st of January 2023** (see more information below).

We'll be back with the next eScience Center newsletter in February 2023.

UCloud as a complementary HPC tool within theoretical particle physics
Though supercomputers form the key basis of his research, UCloud has been a valuable, complementary tool for Tobias and his colleagues and will most likely continue to be so in future work as well. Post.doc. Tobias Tsang Read More …

UCloud reaches 5000 users
On Saturday, December 3rd, UCloud reached 5000 users! This means that in the past three months, UCloud has had 1000 new users. We're very proud of the platform's succes. Since the National HPC services began in November 2020, Read more …

LUMI recognized in the annual HPCwire Readers' and Editors' Choice Awards
LUMI has been recognized in the annual HPCwire Readers' and Editors' Choice Awards, presented at the 2022 International Conference for High Performance Computing, Networking, Storage, and Analysis (SC22), in Dallas, Texas Read more …

[Participate in the SDU eScience User Forum](#)

Join us for the annual eScience Center User Forum where the SDU users can meet each other, share their experiences, give us feedback on our services and suggest new features. This year, the user forum will be
[Read more …](#)

[Reports from this year's DeiC Conference](#)

This year, the annual DeiC conference took place at Comwell Kolding and the overall topic was "Alignment and Maturity: Implementing Research Infrastructure Solutions". Three of the eScience Center's staff as well as the eScience Center's director participated
[Read more …](#)