

DeiC HPC-Forum

Meeting 2023-1

18/04/2023 @ 10.00 – 11.30

Zoom: <https://deic.zoom.us/j/2909030409>

Invited members and support:

- Members, present: Kåre Lehmann Nielsen (AAU), Antonio Rago (SDU), Helle Zinner Henriksen (CBS), Sven Karlson (DTU), Jens Vinge Nygaard (AU), Himanshu Khandelia (SDU), Lars Nondal (CBS), Piotr Jaroslaw Chmura (KU), Thomas Arildsen (AAU), Phillipe Bonnet (ITU), Thomas Bligaard (DTU), Søren Besenbacher (AU).
- Members, absent (announced): -
- Members, absent (not announced): -
- Support: Eske Christiansen (DeiC),
- Support: Adam Stahl (DeiC),

Guests:

- ...
- ...

Minutes from last meeting (2022-5) added to meeting invitation.

Minutes by: Adam

Item	Issue	Comments Actions
1	<p>Information and approval of minutes from last meeting</p> <p>Approval:</p> <p style="margin-left: 20px;">A. Minutes from meeting 2022-5 was approved by email late 2022.</p> <p>Information items:</p> <p style="margin-left: 20px;">A. What the new financial law of 2023 changes for DeiC in relation to HPC.</p> <p style="margin-left: 20px;">B. Stats from the two national calls. H1-2022 and H2-2022</p> <p style="margin-left: 20px;">C. Stats from the usage of HPC in 2022.</p>	<p>→</p> <p>A: The new financial law changes the DeiC organization significantly. The new board will have 8 members from the universities and a 9th chairperson appointed by either the universities or the ministry (if the universities cannot agree). DeiC will now be able to sign contracts on behalf of all 8 universities (not just the ministry).</p> <p>B: Adam Stahl presented statistics from the two first national calls for HPC resources. Det slides will be sent out together with the minutes.</p> <p>C: Eske Christiansen presented statistics on the usage of national HPC. There is an overall low quality of the data from the datacenters, which DeiC is working on improving. The slides will be sent out together with the minutes.</p> <p>It was asked whether the usage data could be sent out to the Front Offices. And whether the HPC back offices can automate the cleaning up of the data.</p> <p>The ambition is that DeiC, in the future, can get the usage data on a day-to-day basis, while for now they are delivered every third month.</p>

		It was pointed out that Usage data tells nothing about whether researchers needs were meet. In this case there is a need for a more formalized process for working between the front offices and back offices, to identify current and future needs for HPC.
2	KPI Status about facility KPIs proposed by HPC forum to the DeiC board.	→ It was proposed that HPC Forum should take a new look at the existing KPI document based on the new knowledge from the usage data. EuroHPC and the UK also have examples of KPI's which the Forum could be inspired by. It might also be good to take a new round looking into what Euro HPC demands.
3	Capacity Building Discussion: What are users' needs? What are areas of strength and weaknesses in terms of users HPC proficiency? What role should front-offices and back-offices play to improve HPC proficiency? Are there initiatives we should experiment with?	→ It was stated that the structure of capacity building in the past has been reactive, and in the future, it needs to be more proactive in building capacities. As inspiration it was mentioned that in the UK the technical office will advise users during the application process, on code and technical setup. And this process is a big part of the training. The" typing" of machines might also be a part of the problem with researchers not moving from one machine to another, since they get attached to a certain "type" of machine. One should ask if there exists any training that helps researchers move on to another machine. The question of how researchers move from one type of machine to the next should be followed by the question of whether there is sufficient teaching- and learning material on getting started on new types of machines.
4	Around the Table What happens at the universities related to HPC? This is both for research and teaching but also for usage and resource allocation etc.	→ Nothing worth mentioning.
5	AOB.	→ Nothing worth mentioning.

Contacts:

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