HPC Forum Kick-off møde Tirsdag d. 10.11.2020 kl. 13-15 (via Zoom)

Dagsorden:

1. Velkomst.
2. Hvem er Hvem.
3. Valg af formand.
4. Drøftelse og justering af foreløbige kommissorium.
5. PRACE medlemskab 2021.
6. Navne på nationale anlæg.
7. Bordet rundt.
8. Næste møde.
9. Evt.

Deltagere

DeiC:

- John Renner Hansen
- Gitte Julin Kudsk
- Eske Christiansen
- René Løwe Jacobsen
- Tethys Bundgaard Svensson

CBS:

- Carsten Sørensen
- Lars Nondal

AAU:

- Torben Larsen
- Christian Nielsen

AU:

- Christian Storm Pedersen
- Søren Vang

SDU:

- Claudio Pica
- Hans Jørgen Aagaard Jensen

KU:

- Piotr Jaroslaw Chmura
- Erik Bjørnager Dam

ITU:

- Philippe Bonnet <phbo@itu.dk>

DTU:

- Sven Karlsson
- Thomas Bligaard

RUC:

- Thomas Schrøder <tbs@ruc.dk>

Velkommen og intro ved John Renner Hansen, formand for DeiC's bestyrelse

John Renner:

- Thank you for participating and the commitment
- Set of agreements with the universities to build HPC centers
- Thanks to the previous advisory group for their formidable effort
- Budget for the first year has been found
- Focus on balance of national and international projects
    - Perhaps do international projects in Denmark?
- The group will be giving recommendations to the board on how to use the budget if there are sudden changes

Kort præsentation af gruppens medlemmer

The members gave a short introduction about themselves.

Kort præsentation af DeiC HPC-team (som sekretariatsbetjener gruppen)

The HPC-team gave a short introduction.

Valg af formand

Philippe nominates Torben based on how well he did in the former group.

Claudio, Sven and Christian Storm support the nomination.

Torben is willing to become chairman, but is unable to facilitate this meeting, but will be ready for the next meeting.

There are no objections.

Philippe will facilitate the remainder of the meeting.

Drøftelse og justering af det foreløbige kommissorium

There are no comments of importance that require any changes to the kommussorium. Comments were made to highlight areas of importance.

Sven wants the group to be aware that international coordination is a part of the group – more important than the previous group.

Thomas mentions that the goal of equal representation of genders has not been achieved. After some discussion it was resolved as being an idea for the group, but necessarily one reachable in the short term.

Action point: Promote gender equality

Hans Jørgen: According to the kommissorium the group can appoint observers. This could be used to promote women.

PRACE – forsat medlemskab?

Eske gives an introduction to PRACE and a general overview. The price of membership is expected to be 1 mil. DKK. Renewal is by New Year.

Sweden is renewing for 2021 but probably not for longer and Norway is not renewing its membership.

Hans Jørgen recommends that we renew as LUMI will not be available before August.

Sven says the training aspect of PRACE is very important to DTU and is therefore also recommending that we renew. The users he has talked to are enthusiastic about the funding options and support in PRACE.

Philippe wants more information on usage and suggests an action point for DeiC: Get better statistics on usage.

Philippe: With EuroCC we will get better at advertising international HPC systems

Christian Storm Pedersen does not recommend renewing the membership as local statistics shows that no AU users seem to be using PRACE.

Hans Jørgen gives possible reasons as to why it is no being used.

Erik Dam agrees and says that according to Troels Haugbølle, chairman of PRACE user forum, the users are happy and we should communicate more about the opportunities within PRACE as not enough are using it.

Lars: CBS are currently not using PRACE. But some of the initiatives within PRACE could be very useful for them, especially collaboration with the industry.

Eske says he will write to the board that there is a general acceptance of renewal.

Hans Jørgen says that "acceptance" is too weak and we should use "recommendation" instead.

The group agrees that it should be a recommendation.

Sven says that PRACE is providing a lot more services that just CPU hours, and we need to communicate these services more.

Navne på de nationale anlæg

Gitte gives a short introduction to the agenda point.

The group agrees that we should ask the consortiums for suggestions with the requirements given from the DeiC board.

Bordet rundt – HPC status på universiteterne

Aalborg, Christian Nielsen: Not sure what you expect, wants to go last

Aarhus: Søren Vang, not sure what you expect

DTU, Sven: Multiple installations with different focus. Many users in different domains. They have started a HPC research lab.

KU, Piotr: Partners with DTU using Computerome, smaller installations at different institutes. All types of research are being done.

Erik Dam: Could do a lot of copy-paste from the DTU slide.

CBS, Lars Nondal: 1. We have just been granted a full time position for HPC support. Partly supported by EuroCC. Position advertised December/January. 2. We don't have any HPC installations ourselves. 3. Our strongholds are that we have very many users using data from statistics Denmark. Could it be easier to use data from statistics Denmark?

ITU, Philippe Bonnet: Not that many installations. Working together

RUC, Thomas: Currently only one group, which works with HPC (mainly GPUs). There is more interest in data science and their users will mainly use type 1.

SDU, Claudio: HPC is being centralised. ABACUS is being closed down after New Year. A lot of users, who are mainly interested in type 1 and 2. Ucloud is now available on github, https://github.com/SDU-eScience/UCloud.

Aarhus, Søren Vang: a few installations. GenomeDK for bioinformatics. Chemistry and physics have Grendel, which is more based on GPUs. The university and the region are working together on a data support centre (datastøttecenter) where the idea is help researchers get more data from different areas.

Aalborg, Christian Nielsen: I cannot give an overview, we would have to wait for Torben.

SDU, Hans Jørgen: SDU now has a ISO certification for sensitive data.

Eske: Focused on LUMI. Hired Tethys. Working on learning material, and EuroCC. Front office is opening soon.

Næste møde

Philippe suggests that the meetings are held close to the DeiC board meetings to make sure the group can discuss relevant matters.

The group agrees.

Evt

Claudio wants to know if there is a set timeframe for when the users can start to use type 1 and 2.

Eske says he needs a number of CPU hours so he can divide the time between the universities.

Gitte gives further information by saying the governments 50% might given to the universities until the first call for applications. Lars mentions that he would have liked the information earlier.

Action point DeiC: Send press release to the group

Claudio asks about the LUMI user program, Eske says the next meeting is November 24.

Philippe says that there has not been a lot of information about LUMI going out to the universities and they would like to have more information.

Sven says they are building a node similar to the LUMI nodes to help optimizing codes for LUMI.