

Platform of National eScience Centers in Europe

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Abstract

The advancement of science has been strongly stimulated by the very existence of advanced e-infrastructures, such as provided by European and national back bone networks and the resource infrastructures on top of that (PRACE, EGI, EUDat, ESFRI-facilities). Gradually, however, the focus on provisioning e-infrastructures and ICT is shifting towards their innovative deployment in science. Enhancing science and so facilitating new discoveries by (optimal) use and re-use of techniques, software, tools and methodologies across disciplines is what the future of science, research and development will depend on. eScience is the discipline that addresses this shift in focus that goes well beyond the Big Data wave, however much this wave floods our present thoughts about conducting modern science.

In order to strengthen the position of eScience as a domain per se, the aspirations of the field, the skills level of the scientists working in that field and the broader educational aspects a European platform of centers is being implemented (provisional name PLAN-E for Platform of National eScience Centers in Europe), to bundle present knowledge and expertise across Europe and to define a practical work program towards close cooperation between centers involved in conducting eScience.

Wider impact and conclusions

Create awareness of the potential of eScience

- at policy level

- at research level, public and private

Strengthen the field, to enable breakthroughs in research

Target future H2020 call definitions to address eScience

Create and maintain a European leadership role in eScience

URL(s) for further info

www.esciencecenter.nl

www.esciencecenter.nl/platform

Description of work

- Formulate Terms of Reference for the Platform (draft available)
- Form a preliminary Platform lead (work in progress)
- Call a constituting meeting mid 2014
- Agree on Terms of reference and outlined action list
- Agree on format and proposed occupation of the lead group
- Agree the platform, with its Terms of reference, action lines and representation as of the constituting date.

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Session Classification: Community building and engagement

Track Classification: Success stories in using e-Infrastructures for research (Track Leaders: E. Karagkou, P. Castejon)