

eSENCE Invites Project Proposals in the Area of e-Science

eSENCE@LU, 2020.09.02

eSENCE is a research programme in e-Science formed by Uppsala University, Lund University and Umeå University as a result of a governmental initiative to promote strategic research areas. e-Science is research performed with digital tools. The overall goal of eSENCE is to enable high-level research that will lead to new methods and knowledge of importance for science, industry, and society. eSENCE strives to enable method development both with a scientific problem in mind and for generic use and to build new and productive e-Science collaborations leading to cross-fertilization and research renewal.

eSENCE@LU now invites proposals for new projects. Applicants may request 2 years of funding, starting 1 January, 2021. We anticipate being able to fund at least six grants with a maximum of 600 kSEK/year (including overhead). The funding could be used, for example, for part-financing a PhD student or a post-doc in Lund.

The research theme of the selected projects should involve e-Science method development with a connection to computational or data-driven applications. Collaboration between different groups is necessary for a successful proposal. The research bill of 2016 stressed cooperation with industry and society outside academia and such collaborations will therefore get special attention, but interdisciplinary or geographical academic collaborations, as described below, are also valid and sufficient. Furthermore, proposals with female PIs are especially encouraged as are new areas of e-Scientific research within eSENCE.

How to apply: The proposal should be maximum 5 pages long. It should describe (i) the goal and importance of the project and the novelty compared to the current state-of-the-art, (ii) the method development and application contents of the project (iii) potential for, or planned, collaborations within this project (geographical between the eSENCE universities and/or between applied and generic e-Science areas and/or between other actors which have not traditionally worked together e.g. different disciplines or collaboration with industry and society outside academia), (iv) the status concerning persons to be funded (does a candidate exist? If yes - brief credentials for this person should be supplied. If not – briefly describe the recruitment plans.), (v) the amount requested and the amount and type of any co-funding. **The proposal should be submitted not later than Friday 2 October 2020 to Magnus Ullner.**

Please make sure that it is clear what the e-Science component is and how tasks and money will be divided by the members of the collaboration, including the future affiliation of any new, recruited person.

For a list of FAQs, see the announcement at <http://www.compile.lu.se>.

The proposals will be ranked by the eSENCE coordinators at Uppsala and Umeå universities. The decision about grants will be taken by the steering group of eSENCE@LU. Note that than none of these persons are experts in all fields represented by the proposals. **Proposals should therefore be directed towards an audience with a general scientific background and avoid excessive technical details.**

Contact person:

Magnus Ullner, 046-222 8242, magnus.ullner@teokem.lu.se

Lund eSENCE assistant coordinator.

See also <http://www.essenceofscience.se> for information about eSENCE.