

Het Netherlands eScience Center (NLeSC) – knowledge and expertise Centre for eScience – supports and amplifies multidisciplinary en data-intensive scientific research. The Centre works on the development of widely used applicable ICT-technologies, together with universities, knowledge centers and companies in the Netherlands. As a networking organisation NLeSC promotes in addition multidisciplinary partnerships and knowledge. Scientific breakthroughs takes place more and more on the interface of disciplines and based on mutual effort. The NLeSC is a unique initiative of SURF and NWO, established due to a Cabinet’s decision regarding Scientific ICT Infrastructure in 2009. Both organizations combine their expertise to build an effective bridge between science and ICT.

For the NLeSC we are seeking for a

CTO/Head of Technology
(m/v)
vac.nr. 11.038

The Job:

The CTO is member of the management team of the eScience Centre and reports to the CEO/Scientific Director. The CTO is responsible for overall strategy and leadership of the eScience engineers group. Other tasks are defining and implementing the eScience support roadmap based on strong collaboration with stakeholders. The CTO manages day-to-day eScience engineers to develop and maintain innovative eScience solutions for scientific data management and analytics to impact data-driven multidisciplinary science projects (alpha, beta and gamma sciences). The CTO sets objectives for eScience Engineers and is responsible for meeting the global technological targets of the eScience program. The CTO will advise the CEO.

The CTO:

- is responsible for planning, implementing, and supporting a robust eScience environment including capabilities for cross-type data management, analytics and data visualization;
- will take responsibility for the technical operations to meet the required technology goals and objectives of the eScience research program, and balances interests of the various eScience projects;
- decides when and where to buy versus build and when and where to employ new technologies for the eScience Centre;
- provides technical direction and formulates long term vision and strategy for the technology platform and infrastructure and oversees eScience systems and operations;
- monitors and assesses new technologies and explores new opportunities.

We ask:

- an academic background in natural sciences, mathematics or computer sciences at PhD level;
- at least 10 years’ experience in managing scientific projects and leading a scientific/technical team of experts;

- good negotiation skills and experience in building relationships in both business as well as academic environments.
- passionate about eScience
- a proactive candidate who seeks to identify opportunities for scientific improvement through the use of information technology;
- although at a senior level the candidate should not be too divorced from the coal face, and still have a no-nonsense and hands on approach and possess a strong sense of ownership and a keen orientation towards achievement;
- for the candidate the able to apply a logical analytical approach, with strong problem solving skills and “can do” attitude;
- excellent interpersonal, organizational and communication skills;
- fluent written and spoken English/Dutch is mandatory.
- ideally experienced in young business/start-up companies and IT infrastructure management;
- experienced in workflow solutions, information management and scientific computing (high performance and/or high throughput) is desirable.

Employment conditions:

Employment of the full-time position is by NWO and will be for a period of 2 years with the possibility of extension. The salary is in accordance with the salary scales of NWO. NWO has good secondary employment conditions such as:

- 13th month of 8,33% from the gross monthly salary;
- 42 days of vacation leave a year on full-time basis;
- An excellent pension scheme;
- Options for (additional) personal development;
- Excellent facilities for parental leave.

Information:

The NLeSC is offering an interesting and challenging job on the interface of science and ICT. You work in an international environment with a informal no-nonsense work atmosphere. You will be stationed at Amsterdam (Science Park), but working on location (for example at an academic counterpart) is an important part of the job.

Please visit also our websites at:

www.nwo.nl

www.surffoundation.nl

www.eScienceCenter.nl

For more information you can contact Regina Zwarthoed, (Operations at NLeSC) via telephone 030-2346677 or via email r.zwarthoed@eScienceCenter.nl

Applications:

Applicants should send a motivation letter with CV and the name(s) and address(es) of reference(s) (incl. phone and e mail) preferably via mail to sollicitatie@nwo.nl. Please state the **vacancy number 11.038** in the subject of your mail. Applications will be accepted **until 23 May 2011**.