Professor in Visualisation

KTH School of Computer Science and Communication seeks a Professor in Visualisation

KTH is the largest technical university in Sweden. Education and research cover a broad spectrum within natural sciences and engineering, as well as architecture, industrial engineering and management, urban planning, work science and environmental engineering. KTH has about 13.500 Bachelor and Master level students, 1.300 doctoral students and 3.900 employees.

CSC is one of Sweden's most advanced and successful research and education institutions in Information Technology. It is situated at KTH and also has activities at Stockholm University. The school focuses on higher education and research within the traditional core areas of numerical analysis and computer science; from theory building and analysis of mathematical models to algorithm construction, implementation and simulation. Other core areas of growing importance are technology and methods for the support of human communication and computer mediated cooperation over distances in time and space. The applied research includes scientific computing, computer science, computer vision, robotics, neuroinformatics and neural networks, human-computer interaction, media technology and graphic arts, and communication through speech, language and music. The school has for several years made efforts in visualisation through coordination of activities in the Stockholm area, investing in a visualisation studio and establish a professorship in the area.

For more information see: www.kth.se/csc?l=en_UK

Subject
Visualisation

Subject description
The field is multidisciplinary and draws on knowledge bases from several domains of science and technology as well as cognition and information design.

Application areas range from scientific visualisation for models and data in mathematics, physics, medicine, biology, chemistry, meteorology and architecture, to information visualisation for analysis and understanding of data in societal activities, e.g. transport, energy, economy, and combinations thereof as in city planning.

Eligibility requirements

Qualified to be employed as professor is an applicant, who has shown both scientific and pedagogical skills within the area in question.

Assessment criteria

Extensive knowledge in one or more relevant technical competence areas, such as computer science, numerical analysis and computer graphics, is required. Research competence within visualisation and interaction technology will be given high priority, especially if combined into interactive visualisation.

The ability to acquire external funding, to lead research projects and research programmes, and to develop national and international cooperation is of great importance. Ability to take part in and develop education at all levels and to supervise research students is of importance, as is the ability to cooperate with the society at large and to report on research and development work. The applicant should show ability to, within the research area, independently lead, conduct and develop education and research on an advanced level.

Employee Status

Job Type: Permanent employment
Starting date: By appointment

Application procedure

Application deadline: February 1, 2011
Reference number: VL-2010-0136

The application should be sent in hard copy to:
Royal Institute of Technology
Registrar
Valhallavägen 79
SE 100 44 Stockholm
Sweden

Applications must be received by the Royal Institute of Technology at latest February 1, 2011.
For information on application procedures, see "CV template concerning the application for employment as and promotion to professor/associate professor". The application template can be found in www.kth.se/om/work-at-kth/1.2112?l=en_UK

All documents, including referred publications, must be submitted in four copies each of four identical packages. The reference number of VL-2010-0136 must appear on all copies.

For information about the application procedure, please contact:

Marie Sahlén, Phone: + 46 8 790 70 57
marisah@kth.se

For general information about KTH refer to our website www.kth.se/?l=en_UK and for School of Computer Science and Communication www.kth.se/csc?l=en_UK

Contacts

Jan Gulliksen, Dean of school CSC
Phone: 08-790 95 38
E-mail: gulliksen@kth.se

Yngve Sundblad, coordinator of VIC (Visualisation Centre)
Phone: 070-555 52 93
E-mail: y@kth.se

Personnel manager Annica Fröberg
Phone: +46 8 790 70 77
annica.froberg@kth.se

Trade union representation

Inger Bergman, Chairman. ST
Phone: +46 (0)8-790 9213
E-mail: ingerb@admin.kth.se

Richard Lingström, SACO
Phone: +46 (0)8-790 82 92
E-mail: rlm@kth.se

Per-Ove Öster, LO/SEKO
Mobile: +46 (0)70-6908382
E-mail: perove@admin.kth.se