NTNU
Norwegian University of Science and Technology

TRONDHEIM | GJØVIK | ÅLESUND

**Jobbnorge-ID:** 115618
**Søknadsfrist:** Avsluttet
**Nettside:**
**Omfang:**
**Varighet:**

# PROFESSOR OR ASSOCIATE PROFESSOR IN DIGITAL FORENSICS / COMPUTER, MOBILE & EMBEDDED DEVICE FORENSIC - CENTER FOR CYBER AND INFORMATION SECURITY (CCIS)

Center for Cyber and Information Security (CCIS) is a partnership with national cyber security public and private stakeholders to enhance research, training and education. Gjøvik University College (GUC) is, together with KRIPOS, and other key players within the army, police, business, policy and academia, established CCIS. CCIS will focus on advanced applied research, education and training. CCIS is co-located with the Norwegian Information Security Laboratory (NISlab). CCIS is becoming one of the largest academic research groups in information and cyber security in Europe and will establish itself as a national resource and contact point for the nation's international partners. The center is actively embedded in the global research community and has English as its working language. NISlab operates Bachelor, Master and Ph.D. programmes dedicated solely to information security, and is also charged with leading the national research school in information security, COINS.

Among Norwegian universities, GUC has the highest allocation of research funding for research from the EU per employee.

Norway is a modern and prosperous nation at the top of the Human Development Index and most other ranking lists related to democracy, transparency, quality of life and equal rights and is becoming increasingly multi-cultural. See www.visitnorway.com.

CCIS and KRIPOS invite applications for a position as Professor or Associate Professor. The position will be central to CCIS' research group on Testimon digital forensics laboratory. The research group is a result of collaboration and co-funding by Norwegian academia, industry and government.

Applicants should state whether they apply for a position as professor or associate professor with a commensurate track record being expected for applications to full professor positions.

**Job description**
The successful candidate will have an outstanding track record in computer engineering and/or electronics including but not limited to:

- Embedded and computer architecture
- Operating systems
- Digital forensics

Furthermore the candidate should have the ability to quickly adopt and advance a wide range of computer/mobile/embedded software architectures, cloud computing platforms and services, operating systems, data and service protection mechanisms, acquisition methods and analysis tools.

- Forensic challenges with regard to computer/mobile/embedded devices and cloud services and the Internet of things
- Acquisition and handling of evidence from computer/mobile/embedded devices
- Reverse engineering of undocumented firmware and software
- Forensic tools and methods for investigating computer/mobile/embedded devices
- Computer/mobile/embedded devices, their components and networks.

The candidate offered the position will be expected to conduct internationally leading research and secure third-stream funding. Successful candidates are expected to demonstrate an internationally competitive research program and publication record, or strong potential, depending on seniority. The candidate is expected to engage in teaching and supervision, mainly at the M.Sc. and Ph.D. levels, and develop research programs, research projects and other activities in close collaboration with the National Police Directorate, the National Authority for Investigation and Prosecution of Economic and Environmental Crime, the National Criminal Investigation Service, the Norwegian Police University College, and Oslo Police District.

**Qualifications**
Professor qualifications require documentation of existing professor qualification and a relevant Ph.D. degree in Computer Science, Mathematics, Electrical Engineering, or a related discipline. Alternatively, the candidate must document professorial competence in terms of:

- Scientific excellence documented by a submission of up to 15 peer reviewed publications. The applicant should be first author in approximately half of these and document original contributions for jointly authored publications. The applicant must also document scientific production in the last five years.
- Pedagogic qualifications both formal and practical in terms of documented lecturing and supervision on the Ph.D., M.Sc. and B.Sc. levels.
- Experience in disseminating scientific methods and results and their relevance for the academic field and society
- Administrative experience such as managing an academic group, establishing academic groups, experience from evaluation committees, participation and management of international research projects, and conference administration.

Associate professor qualification requires documentation of the two following requirements (candidates should submit any additional available documentation of qualifications identified above, however):

- A Norwegian Ph.D. in Computer Science, Mathematics, Electrical Engineering, or a related discipline or a corresponding international degree approved as equivalent to a Norwegian Ph.D. Alternatively competence on a corresponding level documented through scholarly work of the same quality and extent (up to ten scholarly works can be submitted for evaluation).
- Relevant practical-pedagogical competence based on education or education and guidance within Computer Science, Mathematics, Electrical Engineering, or a related discipline.

Academic staff employed without prior formal pedagogical qualifications in university-level teaching are required to complete a recognized course that gives a pedagogical qualification within two years of taking the appointment. GUC offers such courses.

Candidates should submit their full academic curriculum vitae, documentation of qualifications, selected publications as identified above, a statement of research interests, and the names of at least two references, indicating whether references can be taken up immediately.

Candidates will potentially have access to sensitive information, and is a requirement that the person who is offered the position can be cleared for HEMMELIG access. Candidates must also be able to secure a residency and work permit in Norway. The candidate will divide its research and education location between KRIPOS at Bryn in Oslo and at CCIS at Gjøvik.

**Starting date**
Starting date for the position is as soon as possible.

**Salary**
Salary upon agreement.

**Living and working in Gjøvik**
Information can be found via the following links:

- Center for Cyber and Information Security: http://www.ccis.no
- Norwegian information security laboratory: http://www.nislab.no
- Gjøvik University College: http://www.hig.no
- Living in Gjøvik: http://english.hig.no/about/about_gjoevik
- Living in the county of Oppland: http://www.oppland.no/Oppland-English/
- Map of Gjøvik University College: http://english.hig.no/map
- About Campus Gjøvik: http://english.hig.no/about/campus_gjoevik

**To apply**
Please use our online application system (http://english.hig.no/about/vacancies). In addition, please submit the complete application as a ZIP archive to katrin.franke@ccis.no.

The application must include:

- A letter of application
- CV including a full list of publications
- Scanned copies of your certificates
- Statement of research interest and teaching objectives
- At least two references
- Documentation of appropriate qualifications according to the specifications above
  Scholary works to document appropriate qualifications are not to be submitted via the application system, but should be sent as a separate ZIP archive to katrin.franke@ccis.no with a copy to per.nielsen@hig.no.

All applications will be dealt with in strictest confidence.

CCIS/HiG is an equal opportunity employer and encourages women to apply.

**Application deadline**
We accept applications received by September 15th 2015, or until the position is filled.

**For further information**
Please contact katrin.franke@ccis.no or CCIS director sofie.nystrom@ccis.no.

## Tilleggsinformasjon

### Arbeidssted: