

## Post.doc. position in Information Security/Cryptology at Department of Telematics (IME 070-2009)

*The Norwegian University of Science and Technology (NTNU) in Trondheim represents academic eminence in technology and the natural sciences as well as in other academic disciplines ranging from the social sciences, the arts, medicine, teacher education, architecture to fine art. Cross-disciplinary cooperation results in innovative breakthroughs and creative solutions with far-reaching social and economic impact.*

### Faculty of Information Technology, Mathematics and Electrical Engineering Department of Telematics

A post doctor position for 2 years in the field of Cryptology and Network Security is now open at Department of Telematics (ITEM) , Faculty of Information Technology, Mathematics and Electrical Engineering, The Norwegian University of Science and Technology (NTNU).

The successful adoption of wireless communication technology has spurred large interest in the use of mobile terminals for Internet transactions like authentication, payment and voting. The position will be part of the ongoing research activities at the department, which include modelling, construction, analysis and implementation of robust and efficient cryptographic protocols, multiparty computations, cryptographic functions, voting schemes, and key distribution applied to mobile services and systems.

We seek highly motivated individuals holding a PhD degree or similar in telecommunications, computer science, mathematics or other relevant disciplines, with research specialization in cryptology and network security, in particular research activity relevant to Cryptographic Protocols. The post doctoral position has a period of two years and starts as soon as possible.

Further information about this position can be obtained from  
Professor Stig F. Mjølhusnes, tel. + 47 73550459, e-mail: [stig.mjolsnes@item.ntnu.no](mailto:stig.mjolsnes@item.ntnu.no)

The position is remunerated according to salary code 1352, entry salary level 57-76 on the Norwegian State salary scale. This amounts to an annual gross salary range of NOK 438 500 - 630 200 (1 NOK ~ 0.125 EUR), of which 2% is deducted for the Norwegian Public Service Pension Fund. The salary will be subject to agreement with your employer.

The successful applicant must agree to the conditions laid down for public employees. The national labour force must reflect the composition of the population to the greatest possible extent. It is therefore a major political objective to achieve a balance of age and gender and to recruit persons with an immigrant background. Immigrants are encouraged to apply for this post. NTNU wants to increase the proportion of women in its scientific posts. Women are encouraged to apply.

The application must contain information about education, examinations and previous experience. Certified copies of certificates and documents must be attached.

Publications and any other work which the applicant wishes to be taken into account should be enclosed. Please list the submitted publications in the application. Joint works will be considered if a short description is attached outlining the applicant's contribution. The applicant should also submit a short description of the research s/he proposes to carry out during the period of the scholarship.

**The application with enclosures should be submitted electronically through this page.** Preferably, we want the attachments in **one** file.

**Application deadline: February 1, 2010.**

Application must be marked with reference number: IME-070-2009