

**Faculty of Engineering Science and Technology
Department of Production and Quality Engineering**

PhD Research scholarship within Reliability, Availability, Maintainability and Safety (RAMS)

A PhD Scholarship is available within the RAMS research group at NTNU, Department of Production and Quality Engineering. The PhD research scholarship is awarded for a total of 4 years, including 25 % teaching assistance.

The main research areas of RAMS group are:

- Reliability assessment of safety instrumented systems
- Risk-based maintenance management
- Risk analysis and risk indicators
- RAMS in product and system development

You are asked to specify your preferred research focus within one of the four areas listed above and, as far as possible, to describe relevant research questions. The main objective of the PhD scholarship is to generate new knowledge, methods and solutions within RAMS.

In order to be considered for the scholarship, you need to have a relevant master's degree, or equivalent within reliability, maintainability and/or safety, and you must also qualify for admittance as a PhD student at NTNU. See page <http://www.ntnu.no/ivt/phd/english>. The PhD scholarship holder will be required to work in Trondheim, together with the rest of the research group.

For further information about the PhD scholarship, please contact Professor Marvin Rausand, phone +47 73 59 25 42, email: marvin.rausand@ntnu.no, or Professor Jørn Vatn, phone +47 73 59 71 09, email: jorn.vatn@ntnu.no.

Conditions of appointment:

PhD students follow code 1017, grade 45 – 51, gross NOK 353 000 to NOK 391 500 per year (before tax). PhD students are normally remunerated at wage level 45. There will be a 2 % deduction to the Norwegian Public Service Pension Fund from gross salary.

Engagement as a PhD candidate is done in accordance with current appointment regulations with supplementary rules in force giving guidelines for scholarship appointments in universities and university colleges. The goal of each of the announced positions is to obtain a PhD degree. Applicants are obliged to engage in an organized PhD training program, and appointment requires approval of the applicant's plan for a PhD study within three months from the date of commencement. A contract of employment will be set up for the engagement period regulating the rights and duties of the PhD student.

The engagement is to be made in accordance with the regulations in force concerning State Employees and Civil Servants.

The position adheres to the Norwegian Government's policy of balanced ethnicity, age and gender. Persons with immigrant background are encouraged to apply. NTNU's objective is to

increase the number of females in scientific positions. Female applicants are therefore encouraged to apply.

The application must contain information of educational background and work experience. Copies of transcripts and reference letters should be enclosed.

An application inclusive CV, description of research topics (approx. 1 page), grade transcripts, reference letters and other enclosures should be sent electronically through <http://www.jobbnorge.no>, ref.no. **IVT-87/08**. Preferably, we want the attachments in one file.
Application deadline: January 15, 2009.