



SINTEF ICT is a research division in SINTEF, with departments both in Trondheim and Oslo and around 260 employees. SINTEF ICT carries out research in Information and Communication Technology for industry and the public sector.

We cooperate closely with the Norwegian University of Science and Technology (NTNU) and the University of Oslo.

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## SINTEF ICT

Applied Mathematics is looking for an

# Experienced research scientist in applied optimization

Applied Mathematics is a department in the research division SINTEF ICT. We apply theoretical knowledge to create solutions for industrial applications. We work in co-operation with the University of Oslo, NTNU and other national and international research groups. The department consists of research groups in the fields of numerical simulation, geometry and optimization.

### The optimization group:

The optimization group wishes to increase the staff. The group develops solutions for complex optimization- and planning applications in both private and public sectors. Our aim is to help our customers to gain advantage through better utilization of resources. We provide software solutions and services within fields as diverse as transportation, health care, natural resource management and finance. The group has expertise in combinatorial optimization, and substantial experience with industrial applications. Our competence includes conceptual and mathematical modeling, heuristic optimization methods, mathe-

tical programming, constraint propagation techniques, and development of optimization software.

### Qualifications:

We are looking for an experienced researcher in the field of industrial optimization. We need a person who has expertise, interest and experience in:

- Project acquisition
- Project management
- Problem analysis
- Optimization algorithms
- Discrete event simulation tools
- System design and software development (C++, .NET, etc.)

We wish to employ a person who can develop and manage new projects. The applicant must be business oriented and have good communication skills. She or he is independent, well organized and with a high ethical standard. Social skills and

the ability to work well in a team will be emphasized. Fluent spoken and written English is desirable.

### We offer:

- Interesting and varied tasks and challenges
- A strong research group
- Friendly colleagues with a good team spirit
- Flexible working hours
- Competitive salary
- Pension and insurance schemes

### Information:

For more information, please contact Atle Riise by e-mail to [atle.riise@sintef.no](mailto:atle.riise@sintef.no) or by phone: (+47) 22 06 75 86.

Applications should be sent by e-mail by July 1st 2006 to:

**SINTEF ICT**  
**att. Personnel Manager Nora Gibb**  
**e-mail: [Nora.Gibb@sintef.no](mailto:Nora.Gibb@sintef.no)**

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