

NTNU - knowledge for a better world

The Norwegian University of Science and Technology (NTNU) creates knowledge for a better world and solutions that can change everyday life.

Professor/Associate Professor-Additive Manufacturing

At Norwegian University of Science and Technology(NTNU) in Gjøvik, Faculty of Technology and Management, there is a permanent 100% position as Professor/Associate Professor available.

Additive manufacturing (AM) is one of the strategic research areas for the faculty and in our laboratory we have an ARCAM EBM machine for metals and an EOSINT machine for polymers. The professor will be a member of our AM research team. We have AM-focused projects with industry and is a partner in the Centre for Research Based Innovation SFI Manufacturing, where our focus is on Atomic scale modelling and AM. Our faculty is located in Gjøvik approx. 100 km North of the Capital Oslo and close to the Raufoss Industry Park with automotive, aerospace and defence industry.

Job description

Successful candidates will be expected to contribute to develop strong, externally-funded research programs, participate in current Additive Manufacturing research activities at the faculty and teach graduate courses in the area of manufacturing and mechanical engineering with focus on AM. The hired professor will be the supervisor of 2-4 PhD students. Applicants with industrial background and ability to work across disciplines are especially encouraged to apply.

Qualifications

The faculty is seeking outstanding candidates who have demonstrated research expertise and practical experience in several of these topical areas:

- Product design that exploits the unique characteristics of AM
- Design of conformal cooling channels in injection moulding tools
- Theoretical and computational modelling of products, tools and processes
- AM focused material science, basic physics and/or chemistry
- Parts inspection and analysis of process and material variations
- Industrial application of AM
- An earned doctoral degree in Mechanical- or materials Engineering or a relevant discipline is required

We offer

- Excellent opportunities for academic, personal and career development in Norway's largest university
- Challenging, pleasant and supportive environment
- Good pension in the National Pension Fund
- Competitive salary, commensurated with experience and qualifications

General information

The public workforce strives to reflect the diversity within the population as far as possible. It is therefore a personnel policy to acquire a balanced age and gender composition and to recruit persons with immigrant background. NTNU is an equal opportunity employer and encourages women to apply.

Starting date

Starting date for the position is as soon as possible.

To apply

The application must include (in electronic form):

1. Cover letter
2. Curriculum vitae - including list of papers
3. Certified copy of diploma with grades from post graduate studies
4. Statement of professional interests
5. Names and addresses of four references

Please apply via this page.

Nominations and applications will be considered until the position is filled.

For more information contact:

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Application deadline: 05.05.2016

Jobbnoorge-ID: 123949, Søknadsfrist: Søknadsfristen er gått ut