

Professor

Ecole/Institution/Société:

University of Turku, Finland / Turku

Discipline:

Automotive Engineering

Type d'emploi::

Full-time

Date de publication:

2021-10-16

Personne à contacter:

If you wish to apply for this position, please specify that you saw it on AKATECH.tech

Professors Or Assistant / Associate Professors In Circular Economy And Automation Engineering

JOB DESCRIPTION

Turku region with its 320,000 people is a major urban area and a leading hub for technological development and economic growth in Finland. This former capital, located in the southwestern Finland, has a rich cultural history and is the gateway to a most beautiful archipelago.

The University of Turku is a world-class research university that offers interesting challenges and a unique vantage point to international research and the higher education in Finland. The University of Turku is the highest ranked Finnish university outside of Helsinki.

We are looking for two Professors or Assistant / Associate Professors (tenure track) in Circular Economy and Automation Engineering who wants to join us in building a new strategic area of expertise at the University of Turku. The professorships are positioned at the Faculty of Technology in the Department of Mechanical and Materials Engineering. .

More information about the Faculty of Technology: <https://www.utu.fi/en/university/faculty-of-technology> and the Department of Mechanical and Materials Engineering: <https://www.utu.fi/en/university/faculty-of-technology/mechanical-and-materials-engineering>

The successful applicants may be appointed to a fixed-term associate / assistant professorship (tenure track) or a permanent full professorship depending on their previous academic merits.

For the position of Assistant Professor, we seek proactive researchers and teachers beyond their post doc phase yet still at their early academic career, and who already have a proven track record of scientific research.

For the position of Assistant Professor / Associate Professor, we emphasize a proven international track record of scientific research, teaching experience and societal influence. In addition to these, we value proof of acquiring external research funding and business collaboration.

For the position of Associate Professor, and particularly for the position of Full Professor, we seek experienced and internationally renowned experts who already have an excellent publication record and success in acquiring external research funding.

We are building a diverse team and appreciate applicants with different backgrounds. We value, for example, broad academic, professional and societal networks, societal impact and outreach activities, experience in technology transfer, industry or entrepreneurial experience and multidisciplinary collaboration. For all positions, we require an active approach and genuine enthusiasm for teaching and the educational development. Experience and education in areas such as coaching, leadership or project management are also considered an asset. The applicant should position his / her research work in relation to the teaching and research directions in Department of Mechanical and Materials Engineering.

In particular, we are looking for candidates whose research and teaching track record is in either circular economy or automation engineering:

Circular economy: value chains, product-service systems (business models), sustainability and responsibility, product design and quality, profitability of reuse of materials and components vs. virgin materials, metrics of circular economy, durability, recyclability and environmental impact of materials.

Automation engineering: process industry automation, product industry automation, marine and harbor automation.

Guidelines:

- The guideline for applying and recruitment of a professor or an assistant / associate professor (tenure track)
- The guideline for tenure track at the UTU

The salary for this particular post is determined in accordance with the university salary system for teaching and research personnel (YPJ) when negotiating the employment contract. The position is subject to a six-month trial period.

Applications must be submitted on Oct 18th, 2021 (at 23:59) at the latest via the electronic application form of the University of Turku; link to the application system can be found at the beginning of this announcement (Apply for the job). For the position, please contact Head of Department, professor Jussi Kantola or professor Antti Salminen. Administrative and practical issues may be discussed with Faculty of Technology's Faculty Services Manager Sanna Hirvola.

Please learn more about Finnish culture and people and working in Finland: <https://www.utu.fi/en/finland-a-superpower-of-education-and-innovations>

And about the University of Turku and working in here: <https://www.utu.fi/en/university/come-work-with-us>

JOB DETAILS

Title Two Professors or Assistant / Associate Professors in Circular Economy and Automation Engineering

Employer University of Turku

Job location TURUN YLIOPISTO, FI-20014 Turku

Job types Professor, Lecturer / Senior Lecturer, Assistant / Associate Professor, Tenure Track

Fields Materials Engineering, Mechanical Engineering, Mechanics

Personne à contacter:

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