

Tenure track position in Polymer Engineering
Aalto University School of Chemical Engineering

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Posted Jun. 16, 2020, expired Jul. 31, 2020

Job Title Tenure track position in Polymer Engineering
Department Department of Chemical and Metallurgical Engineering
Institution Aalto University School of Chemical Engineering
Espoo, , Finland

Date Posted Jun. 16, 2020

Application Deadline Jul. 31, 2020

Position Start Date Available immediately

Job Categories Assistant Professor
Associate Professor
Professor

Academic Field(s) Materials Sciences/Polymer Sciences

Job Website <https://www.aalto.fi/en/open-positions/tenure-tracktenured-professor-in-polymer-engineering>

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Job Description

Aalto University is a community of bold thinkers where science and art meet technology and business. We are committed to identifying and solving grand societal challenges and building an innovative future. Aalto has six schools with nearly 11 000 students and a staff of more than 4000, of which 400 are professors. Our main campus is located in Espoo, Finland. Diversity is part of who we are, and we actively work to ensure our community's diversity and inclusiveness in the future as well. This is why we warmly encourage qualified candidates from all backgrounds to join our community.

The research at the School of Chemical Engineering focuses on forest products technologies, chemical engineering, industrial biotechnology, materials science and nanotechnology, metals and minerals processing and energy technology. The school has two special research infrastructures: bioeconomy infrastructure that enables research from molecular level to biobased technology concepts, and raw materials research infrastructure, that supports the research of circular economy targeting to closed metallurgical and hydrometallurgical processes and inorganic energy materials.

TENURE TRACK/TENURED PROFESSOR IN POLYMER ENGINEERING

The Department of Chemical and Metallurgical Engineering at Aalto University School of Chemical Engineering invites applications for the position of Professor in Polymer Engineering. The position can be filled at any level of the Aalto tenure track system (Assistant, Associate or Full Professor).

The position and our expectations

We are looking for a future world-class leader in research and education in the field of polymer engineering. Important qualifications for the position are documented experience preferably in several of the following fields: polymer synthesis, polymer chemistry, polymer reaction engineering and industrial polymer processes. Of special interest in research and education is on sustainable processes and products.

We also appreciate candidates with additional experience in the following fields: Polymer structure/property relationships, organic chemistry, polymer recycling, advanced polymerizations, biobased materials, polymer material science, and polymer processing. Candidates with industrial experience or close collaboration with industrial partners are highly appreciated.

We expect you to be a strong team player who can build an outstanding and dynamic research line, continuously contributing to research and education within the department on undergraduate and

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graduate levels, in close collaboration with industry and other research groups within Aalto University, nationally, and internationally. A doctoral degree with relevant further post-doctoral research experience is a prerequisite for the position. The applicants will be reviewed based on their excellence and future potential in scientific research and teaching, and their active role within the international science community.

Working environment

We offer inspiring community of experts in the closely related fields, such as Chemical Engineering, Reaction technology, Catalysis, Plant design, and Process automation. We offer also world-class infrastructure for experimental work in polymerizations, polymer analysis and testing. (<https://www.aalto.fi/en/department-of-chemical-and-metallurgical-engineering/polymer-technology> and <http://www.bioeconomyinfra.fi/>)

The unique competitive edge of the Department of Chemical and Metallurgical Engineering is based on sustainable utilization of raw materials, designing more efficient processes and developing new materials and products. Our department's areas of expertise enable sustainable future with high performance products and processes in circular economy and bioeconomy. For more information about the department, please visit: <https://www.aalto.fi/en/department-of-chemical-and-metallurgical-engineering/>

Ready to apply?

If you want to join our community, please submit your application materials, addressed to the President of Aalto University, through our recruitment system following the link below, by July 31st, 2020.

To apply, please share the following application materials with us, in English and in PDF files:

- Application letter
- Curriculum Vitae
- List of publications (with 10 most relevant publications regarding this position highlighted)
- A research statement describing past research and plans for future research (max. 5 pages)
- Teaching portfolio
- Names and contact information for references

The departmental recruitment committee reserves the right to ask for additional material from the applicants. The application material will not be returned.

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For more information

If you wish to hear more about the position, you can reach out to Ville Alopaeus, Head of Department. In recruitment process related questions, you may contact Alice Björklund, HR-coordinator. Emails: firstname.lastname@aalto.fi

Please find general instructions for applicants, including language requirements and guidelines for compiling the teaching portfolio and CV at <https://www.aalto.fi/en/tenure-track/interested-in-joining-our-tenure-track>.

Want to know more about us and your future colleagues? You can watch these videos: https://www.youtube.com/watch?v=5k_og_6zUJQ and <https://www.youtube.com/watch?v=dUfEGVM-ZP8&feature=youtu.be>

Tenure track in Aalto University

The tenure track is open to talented individuals who have excellent potential for a scientific career. Individuals placed on the Aalto University professorial tenure track have the possibility to advance in their career through regular performance assessments, which take into account their merits in all areas of their scope of duty. Launched in 2010, the tenure track has attracted a wide range of international applicants, giving Aalto University the possibility of recruiting top experts and young research talent to join the Aalto University community. Read more about the Aalto University tenure track system at www.aalto.fi/en/tenuretrack and <http://www.aalto.fi/en/about/careers/careerstories/>

We are committed to fair, equal, transparent and merit-based recruitment procedures, for which Aalto University has been awarded the “HR Excellence in Research” award by the European Commission as the first university in Finland, in 2012.

About Finland

Finland is a great place for living —it is a safe, politically stable and well-organized Nordic society. Finland is consistently ranked high in quality of life: <http://www.oecdbetterlifeindex.org/countries/finland/> and was just listed as the happiest country in the world for third year running: <https://worldhappiness.report/news/its-a-three-peat-finland-keeps-top-spot-as-happiest-country-in-world/> . For more information about living in Finland: <https://www.aalto.fi/services/about-finland>.

More about Aalto University:

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Contact Information

Please reference Academickeys in your cover letter when applying for or inquiring about this job announcement.

Contact

Finland