

Doctoral Researcher in Electrically Driven Soft Matter Aalto University

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Posted Mar. 12, 2024, set to expire Dec. 30, 2024

Job Title Doctoral Researcher in Electrically Driven Soft Matter
Department T304 Dept. Applied Physics
Institution Aalto University
, , Finland

Date Posted Mar. 12, 2024

Application Deadline Open until filled
Position Start Date Available immediately

Job Categories Graduate Student

Academic Field(s) Physics - General

Job Website https://aalto.wd3.myworkdayjobs.com/aalto/job/Otaniemi-Espoo-Finland/Doctoral-Researcher-in-Electrically-Driven-Soft-Matter_R39039-2

Apply By Email

Job Description

Active Matter research group at the Department of Applied Physics in Aalto University (Finland) is looking for an outstanding Doctoral Researcher (PhD student) to pursue a degree in the field of soft matter physics. The goal of the doctoral researcher is to develop novel approaches to controlling colloidal dispersions using electric fields. The chosen doctoral researcher will utilize various experimental and computational methods and work closely with other members of the research group.

Your experience and skills * Master's degree in physics, preferentially in experimental soft condensed matter physics. * Excellent understanding of university level physics and desire to always learn more. * Ability to work both independently and as a part of a multidisciplinary team. * Excellent command of both written and spoken English. Finnish language is not required. * Previous experience in advanced optical microscopy and related data analysis methods is considered as a strong asset.

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What we offer

We offer a fully funded PhD project. The chosen student will be supervised by Prof. Jaakko Timonen and advised by a senior postdoctoral researcher. The position is initially filled for 2 years. The contract is continued for another 2 years after a successful midterm review. The annual workload of research and teaching staff at Aalto University is 1612 hours. Aalto University follows the salary system of Finnish universities. The starting salary is approximately 2700 €/month (gross), and it increases as the doctoral researcher progresses in the research and studies. The contract includes Aalto University occupational healthcare. The primary workplace is the Otaniemi Campus at Aalto University.

Ready to apply?

To apply for the position, please submit your application (in English) and attachments through our online recruitment system by using the link on Aalto University's web page ("Apply Now"). Include the following documents: * Cover letter stating your motivation, experience, suitability, and career ambitions * CV including a list of publications * Degree certificates and academic transcripts * PDF copy of your Master's thesis or a repository link * One or more recommendation letters

The deadline for applications is 31 March 2024. We will go through applications, and we may invite suitable candidates to interview already during the application period. Aalto University reserves the right for justified reasons to leave the position open, to extend the application period, reopen the application process, and to consider candidates who have not submitted applications during the application period.

See the [\[url=https://www.aalto.fi/en/departments/applied-physics/active-matter\]](https://www.aalto.fi/en/departments/applied-physics/active-matter)group webpage and contact Prof. Jaakko Timonen ([\[url=mailto:jaakko.timonen@aalto.fi\]](mailto:jaakko.timonen@aalto.fi)) for more details of this position.

Please note: Aalto University's existing employees and visitors should apply for the position via our internal system Workday (Internal Jobs) (not external aalto.fi webpage on open positions) by using their existing Workday user account.

About Finland

Finland is a great place for living with or without family - it is a safe, politically stable and well-organized Nordic society. Finland is consistently ranked high in quality of life and was just listed again as the happiest country in the world: [\[url=https://worldhappiness.report/news/its-a-three-peat-finland-keeps-top-spot-as-happiest-country-in-world/\]](https://worldhappiness.report/news/its-a-three-peat-finland-keeps-top-spot-as-happiest-country-in-world/)[https://worldhappiness.report/news/its-a-three-peat-finland-](https://worldhappiness.report/news/its-a-three-peat-finland-keeps-top-spot-as-happiest-country-in-world/)

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keeps-top-spot-as-happiest-country-in-world/. For more information about living in Finland:
[url=https://www.aalto.fi/en/careers-at-aalto/living-in-finland]https://www.aalto.fi/en/careers-at-aalto/living-in-finland.

About Aalto University

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.

At the Department of Applied Physics, our pioneering research in physical sciences creates important industrial applications that hold great technological potential. Our research focuses on Materials physics; Quantum technology; Soft & living matter; and Advanced energy solutions. Topics extend from fundamental research to important applications. We educate future generations of research and development professionals; data specialists; technology experts; inventors; and scientists for industry and society.

Want to know more about us and your future colleagues? You can watch these videos:
[url=https://www.youtube.com/watch?v==5k_og_6zUJQ%22%20\]Aalto University - Towards a better world, [url=https://www.youtube.com/watch?v==dUfEGVM-ZP8&feature==youtu.be%22%20\]Aalto People , and
[url=https://www.youtube.com/watch?v==ZK6pDWm1_CE%22%20\]Shaping a Sustainable Future.
Read more about working at Aalto: [url=https://www.aalto.fi/en/careers-at-aalto]https://www.aalto.fi/en/careers-at-aalto

Contact Information

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

Contact

Finland

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