

Postdoctoral Researchers in Applied Inverse Problems
and Scientific Computing
Aalto University

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Downloaded On: May. 9, 2024 12:36am

Posted Jan. 30, 2024, set to expire Dec. 30, 2024

Job Title Postdoctoral Researchers in Applied Inverse Problems
and Scientific Computing

Department T302 Dept. Mathematics and Systems Analysis

Institution Aalto University
, , Finland

Date Posted Jan. 30, 2024

Application Deadline Open until filled

Position Start Date Available immediately

Job Categories Post-Doc

Academic Field(s) Mathematics/Applied Mathematics

Job Website https://aalto.wd3.myworkdayjobs.com/aalto/job/Otaniemi-Espoo-Finland/Postdoctoral-Researchers-in-Applied-Inverse-Problems-and-Scientific-Computing_R38550

Apply By Email

Job Description

Aalto University is where science and art meet technology and business. We shape a sustainable future by making research breakthroughs in and across our disciplines, sparking the game changers of tomorrow and creating novel solutions to major global challenges. Our community is made up of 13 000 students, 400 professors and close to 4500 other faculty and staff working on our dynamic campus in Espoo, Greater Helsinki, Finland. Diversity is part of who we are, and we actively work to ensure our community's diversity and inclusiveness. This is why we warmly encourage qualified candidates from all backgrounds to join our community.

Department of Mathematics and Systems Analysis ([url=http://math.aalto.fi/en/]http://math.aalto.fi/en/) at the Aalto School of Science is seeking for

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Postdoctoral Researchers in Applied Inverse Problems and Scientific Computing

The postdoctoral researchers will work in the research group of Harri Hakula, Antti Hannukainen and Nuutti Hyvönen, and they will be affiliated with the Flagship of Advanced Mathematics for Sensing, Imaging and Modelling (FAME). FAME is a broad collaboration network formed by eight universities and research institutes. It connects high-quality research to societal impact and strong cooperation with companies and other stakeholders. The positions are for 2(≈1) years, and they will be filled at the latest in June 2024.

Requirements

We look for scholars who are about to complete, or have completed within the past 5 years, their doctoral studies in a relevant field. The candidates are required to have a strong background in applied inverse problems, scientific computing, numerical analysis, numerical linear algebra, uncertainty quantification, partial differential equations, and/or a closely related field of applied mathematics. Programming skills and strong interest in implementing numerical methods in practice are considered a significant advantage. A good command of English is required, Finnish language is not.

We offer

The expected starting salary is 3887 €/month. The contract includes occupational health care benefits and a holiday bonus.

How to apply

Please send your application at your earliest convenience as a single PDF file through our online recruitment system via the 'Apply' link. Your application should include the following documents: * CV and publication list, * contact information of your PhD advisor and of a second reference, * short research statement. * Please also include a few lines about yourself (and when you would like to start) in the application.

Applicants who have not yet completed their PhD are requested to include their expected graduation month in their CV and an additional page describing the main results of their PhD thesis in their research plan.

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

The review of applications will begin on February 28, 2024 (first deadline), and the selection may be done already before the final deadline on March 31, 2024.

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For additional information, please contact Harri Hakula, Antti Hannukainen, and/or Nuutti Hyvönen ([url=mailto:firstname.lastname@aalto.fi]firstname.lastname@aalto.fi).

Aalto University reserves the right to leave the position open, to extend the application period and to consider candidates who have not submitted applications during the application period.

Contact Information

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

Contact

Finland