

Postdoctoral Researcher or Research Fellow to join the
Aalto Human-Computer Interaction Lab
Aalto University

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Posted Feb. 13, 2024, set to expire Dec. 30, 2024

Job Title Postdoctoral Researcher or Research Fellow to join the
Aalto Human-Computer Interaction Lab

Department T313 Dept. Computer Science

Institution Aalto University
, , Finland

Date Posted Feb. 13, 2024

Application Deadline Open until filled

Position Start Date Available immediately

Job Categories Post-Doc

Academic Field(s) Computer Science

Job Website https://aalto.wd3.myworkdayjobs.com/aalto/job/Otaniemi-Espoo-Finland/Postdoctoral-Researcher-or-Research-Fellow-to-join-the-Aalto-Human-Computer-Interaction-Lab_R38700-1

Apply By Email

Job Description

The Department of Computer Science at Aalto University - in the top-20 young universities worldwide - is an internationally oriented professional academic department and home to world-class research in modern computer science, combining research on foundations and innovative applications. With 46 professors and more than 400 employees from 50 countries, it is the largest department at Aalto University and the largest computer science unit in Finland.

The Department of Computer Science is now looking for a

Postdoctoral Researcher or Research Fellow to join the Aalto Human-Computer Interaction Lab

Do you want to understand why people struggle to live with digital technologies in their everyday lives

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or what makes some interactions with technologies enjoyable, enriching, or meaningful? We are seeking a postdoctoral researcher or a research fellow to join our team to help us study a range of topics in human-computer interaction from information overload, usable security to aesthetic game experiences. We are looking for a research scientist who shares our interest in diversity of thought and contributes by bringing their own expertise into the mix. We are looking to develop robust models and understanding that makes a difference of how to improve people's lives in the digital environment.

Some highlights of the recent work done in the group:

Amel Bourdoucen and Janne Lindqvist. 2024. Privacy of Default Apps in Apple's Mobile Ecosystem. In Proceedings of the CHI Conference on Human Factors in Computing Systems (CHI '24), May 11-16, 2024, Honolulu, HI, USA. ACM, New York, NY, USA, 50 pages.

[url=<https://doi.org/10.1145/3613904.3642831>]<https://doi.org/10.1145/3613904.3642831>

Jaakko Väkevä, Elisa D. Mekler, & Janne Lindqvist. From Disorientation to Harmony: Autoethnographic Insights into Transformative Videogame Experiences. Proceedings of the 2024 CHI Conference on Human Factors in Computing Systems. 2024. (In press)

Rongjun Ma, Henrik Lassila, Leysan Nurgalieva, and Janne Lindqvist. 2023. When Browsing Gets Cluttered: Exploring and Modeling Interactions of Browsing Clutter, Browsing Habits, and Coping. In Proceedings of the 2023 CHI Conference on Human Factors in Computing Systems (CHI '23), April 23-28, 2023, Hamburg, Germany. ACM, New York, NY, USA, 29 pages.

<https://doi.org/10.1145/3544548.3580690>

Amel Bourdoucen, Leysan Nurgalieva, & Janne Lindqvist (2023). Privacy Is the Price: Player Views and Technical Evaluation of Data Practices in Online Games. Proceedings of the ACM on Human-Computer Interaction, 7 (CHI PLAY), 1136-1178.

[url=<https://doi.org/10.1145/3611064>]<https://doi.org/10.1145/3611064>

Leysan Nurgalieva, Seamus Ryan, Andreas Balaskas, Janne Lindqvist, and Gavin Doherty. 2022. Public Views on Digital COVID-19 Certificates: A Mixed Methods User Study. In CHI Conference on Human Factors in Computing Systems (CHI '22), April 29-May 5, 2022, New Orleans, LA, USA. ACM, New York, NY, USA 28 Pages.

[url=<https://doi.org/10.1145/3491102.3502066>]<https://doi.org/10.1145/3491102.3502066>

Shridatt Sugrim, Can Liu, Janne Lindqvist. Recruit Until It Fails: Exploring Performance Limits for Identification Systems. Proc. ACM Interact. Mob. Wearable Ubiquitous Technol. 3, 3, Article 104 (September 2019), 26 pages. <https://doi.org/10.1145/3351262>

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Shridatt Sugrim, Can Liu, Meghan McLean, Janne Lindqvist. Robust Performance Metrics for Authentication Systems. In Proceedings of the Network and Distributed System Security Symposium (NDSS'19), February 24-27, 2019, San Diego, CA, USA. <https://www.ndss-symposium.org/ndss-paper/robust-performance-metrics-for-authentication-systems/>

Xianyi Gao, Yulong Yang, Can Liu, Christos Mitropoulos, Janne Lindqvist, and Antti Oulasvirta. Forgetting of Passwords: Ecological Theory and Data. In Proceedings of the 27th USENIX Security Symposium, August 15-17, 2018, Baltimore, MD, USA.

[url=<https://www.usenix.org/conference/usenixsecurity18/presentation/gao-xianyi>]]<https://www.usenix.org/conference/usenixsecurity18/presentation/gao-xianyi>

Yuan, F., Gao, X., & Lindqvist, J. (2017). How busy are you? Predicting the interruptibility intensity of mobile users. In CHI 2017 - Proceedings of the 2017 ACM SIGCHI Conference on Human Factors in Computing Systems: Explore, Innovate, Inspire (pp. 5346-5360). (Conference on Human Factors in Computing Systems - Proceedings; Vol. 2017-May). ACM. <https://doi.org/10.1145/3025453.3025946>

Your role and goals

In our research group you will pursue research along with your independent research plan, get involved with supervising students, and help with managing lab projects. In addition to research, postdocs and research fellows are expected to help with teaching following the department's standard practices. Teaching duties are negotiable, and may involve, for example, supervising teaching assistants for a course.

Your experience and background

We are looking for a candidate with solid experience in Human-Computer Interaction (HCI), Psychology, Cognitive Science, Usable Security, or related disciplines. Advanced skills in mixed-methods user research, experimental research in HCI or Psychology, computational or mathematical modeling, and other empirical research experience will be an asset. Experience in design can be an addition as well. An ideal applicant shares our interest in deepening the understanding of how users live with the plethora of technologies in their everyday lives and the challenges they face, usable security and privacy, or game experiences. Alternatively, applicants with background in Computer Science, Mathematics, Statistics, or other computational sciences and a keen interest in prior mentioned topics are welcome to apply. Those who have already successful post-doc experience may be considered for a Research Fellow position.

Requirements for post-doc applicants * Doctoral degree in Psychology, Cognitive Science, Computer Science, Human-Computer Interaction, Security & Privacy, or related fields.

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About the research group and department

We are a research team with exciting and diverse backgrounds and interests ranging from human-computer interaction to cognitive science, and from religion studies to game design. We value scientific curiosity, diversity of thought, and ability to collaborate and think interdisciplinary.

The Department of Computer Science at Aalto University - in the top-20 young universities worldwide - is an internationally oriented professional academic department and home to world-class research in modern computer science, combining research on foundations and innovative applications. With 46 professors and more than 400 employees from 50 countries, it is the largest department at Aalto University and the largest computer science unit in Finland.

You may read more about the Principal Investigator in the following articles:

[url=https://www.aaltoee.fi/en/aalto-leaders-insight/2022/professor-janne-lindqvist-has-succeeded-by-doing-what-he-feels-like-doing-technology-isnt-separate-from-humans]https://www.aaltoee.fi/en/aalto-leaders-insight/2022/professor-janne-lindqvist-has-succeeded-by-doing-what-he-feels-like-doing-technology-isnt-separate-from-humans

[url=https://www.aalto.fi/en/news/janne-lindqvist-you-cant-help-if-you-stay-in-the-ivory-tower]https://www.aalto.fi/en/news/janne-lindqvist-you-cant-help-if-you-stay-in-the-ivory-tower

Aalto Human-Computer Interaction Lab website:

[url=https://www.lindqvistlab.org/]https://www.lindqvistlab.org/

What we offer

We offer an opportunity to work in an interdisciplinary team on topics that have a deep impact on everyone's lives. Our team is part of one of the top computer science departments in the world with great opportunities for collaboration and engaging with cutting-edge research. Our work has received sustained global media attention for the past 10 years, including, but not limited to Scientific American, IEEE Spectrum, MIT Technology Review, NPR, International Business Times, ABC News, CBS News, Fox News, Fortune, Computerworld, Der Spiegel, London Times, New Scientist, PBS, Wired (UK).

The starting salary depends on applicant's experience and whether the applicant is qualified for a post-doc or research fellow position. In addition to the salary, the contract includes occupational health benefits, and Finland has a comprehensive social security system. The position is located at the Aalto University Otaniemi campus.

Ready to apply?

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To apply for the position, please submit your application including the attachments mentioned below as one single PDF document in English through our online recruitment system by using the link on Aalto University's web page ("Apply Now").

- (1) Letter of motivation (including information on the above listed requirements for the position)
- (2) Full academic CV including list of publications
- (3) Contact details of at least two referees (or letters of recommendation, if already available)

The deadline for applications is March 4th, 2024. Short-listed applicants will also be asked copies of degree certificates and academic transcripts; these may be submitted also during the application stage. The position will be filled as soon as a suitable candidate is found. 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.

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.

Further information * Associate Professor Janne Lindqvist, e-mail janne.lindqvist@aalto.fi; (research related information) Please observe that Janne is unavailable for emails during February 16th - February 26th, 2024, during that time, please contact Dr. Heidi Rautalahti at heidi.rautalahti@aalto.fi. * HR Advisor, Susanna Holma, e-mail susanna.holma@aalto.fi; (application process, practical arrangements)

Would you like to know more about us and your future colleagues? You can watch these videos: Aalto University - Towards a better world, Aalto People, and Shaping a Sustainable Future. And this webpage about Aalto and Finland. <https://www.aalto.fi/en/services/welcome-to-aalto-university-and-finland-info-package>

Check out our new virtual campus experience: <https://virtualltour.aalto.fi/>.

About Finland

Finland is a wonderful 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

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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-keeps-top-spot-as-happiest-country-in-world/>. For more information about living in Finland: [[url=https://www.aalto.fi/services/about-finland](https://www.aalto.fi/services/about-finland)]<https://www.aalto.fi/services/about-finland>

Contact Information

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

Contact

Finland