

Professor

Ecole/Institution/Société:

Centrum Wiskunde & Informatica (CWI), Netherlands / Amsterdam

Discipline:

Artificial Intelligence

Type d'emploi::

Full-time

Date de publication:

2025-02-23

Personne à contacter:

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

Tenure-track or tenured position (m/f/x) in the area of Responsible AI

CWI is now hiring for a Tenure-track or tenured position (m/f/x) in the area of Responsible AI.

We are seeking applications from early career researchers (as of last year PhD) through highly experienced researchers (comparable to associate or full professor level). Depending on the level of seniority, a tenure track or a tenured position will be offered to you.

CWI strives to be a diverse and inclusive research institute. To achieve balanced representation in positions, we will, among qualified excellent candidates, prioritize applications from women researchers (including identifying as). Additionally, CWI actively supports the LGBTIQ+ community, is working to increase the number of employees from non-Western backgrounds, and is attentive to neurodiversity.

Job description

The Human-Centered Data Analytics (HCDA) group of CWI aims to strengthen its research activities in the field of responsible AI. We are looking for talented scientists who are keen to develop their own innovative line of fundamental research related to, for example, bias, fairness, human oversight, or ethics in cutting-edge AI technology.

The HCDA group investigates human-centered, responsible AI in the culture and media sectors. Current research topics in the group include: measuring bias and diversity in recommender systems; detecting offensive colonial terminology in knowledge graphs; developing transparent techniques for misinformation detection; predicting political bias of crowd workers; and studying bias against the LGBTIQ+ community in large language models.

We maintain close collaborations with professionals from the culture and media sectors, as well as social scientists and humanities scholars, through the Cultural AI Lab and the AI, Media and Democracy Lab. These interdisciplinary labs provide us with opportunities to work with real data and real-world use cases.

Next to developing an innovative research line, you will explore collaboration opportunities within the research group and/or within the two interdisciplinary labs, acquire funds to grow our research capacity for responsible AI, and help strengthen the role of CWI as the national institute for computer science and mathematics. For tenure track or tenured positions at CWI there is only a 10% teaching requirement. You are expected in due time to make connections to one of the Dutch universities to contribute to their curriculum.

Requirements

We are looking for an excellent scientist with recognized expertise in artificial intelligence, computer science, data science, computational linguistics, information science, or comparable, with a successful scientific track record in Responsible AI. You are highly motivated to work in interdisciplinary teams on societally relevant problems. Most importantly, you have a clear research vision and the capacity to develop an independent research program of funded research.

Terms and conditions

Depending on your previous experience, a tenure track of three or five years, or a tenured position will be offered at CWI. In case of a tenure track, you will be supported throughout this period to work towards a permanent position. The terms of employment are arranged with a Collective Labor Agreement ("CAO-onderzoeksinstellingen"). Depending on relevant work experience, the gross monthly starting salary on a full-time basis ranges from € 4,655 to € 7,280 for a tenure track. The salary for a tenured position depends on your experience. In addition, you will receive a holiday allowance of 8% of the gross annual salary and a year-end bonus of 8.33%.

Attractive working conditions at CWI

We provide comfortable facilities, and have flexible working hours (partly working from home), including benefits, and offer professional coaching and training and support for [e.g.](#) grant-writing.

We help with housing for expat employees, and if accepting this position means your partner must find another job, we can also be of assistance.

Information and application

Why work at CWI?

CWI is committed to scientific excellence, demonstrated by publications in top journals and conferences.

CWI focus is on scientific and societal impact

CWI offers you a collaborative environment in the Netherlands and an extensive international network.

CWI research groups offer a small scale base, led by renowned experts.

Together, you will develop an individual Development Plan, to help you further grow your talents and capabilities

After completion of the Tenure Track trajectory, you will be promoted to our equivalent of an associate professorship position.

What else do we offer?

- a position in which taking initiative and providing input are greatly appreciated;
- an inspiring academic and international work environment at the Amsterdam Science Park;
- enthusiastic, inspiring and professional colleagues and support staff
- flexible working hours (partly working from home)
- professional coaching and training and support for [e.g.](#) grant-writing.
- If accepting this position means your partner must find another job, we can also be of assistance.

Information and application

If you want to apply, please upload:

a motivation letter;

a curriculum vitae with your publications, teaching and outreach;

copies of your three most prominent publications;

the names of three senior scientists whom CWI can ask for letters of recommendation;

a research statement and a research plan for the next few years, including ideas on acquiring funding (maximum 2 pages).

Application deadline: March 24, 2025.

The deadline can be extended if there is insufficient diversity among the applicants.

Additional information can be obtained from dr. Laura Hollink (L.hollink@cw.nl)

Diversity code

CWI encourages a diverse workforce: we endeavour to develop talent and creativity by bringing people from different backgrounds and cultures together. We recruit and select based on capabilities and talent. We strongly encourage everyone with the appropriate qualifications to apply for the vacancy, regardless of age, gender, origin, sexual orientation or physical abilities.

About CWI

Centrum Wiskunde & Informatica (CWI) is the Dutch national research institute for mathematics and computer science and is part of the Institutes Organisation of the Dutch Research Council (NWO). The mission of CWI is to conduct pioneering research in mathematics and computer science, generating new knowledge in these fields and conveying it to trade, industry, and society at large.

CWI is an internationally oriented institute, with 160 scientists from approximately 27 countries, an informal atmosphere and short lines of communication. We have an activity committee that organizes after-work activities and an informal women's network.

CWI is located at Amsterdam Science Park, which is a major location for scientific research in the Netherlands. Next to CWI, Science Park houses several other national research institutes, many startups and scale-ups, the Amsterdam Internet Exchange (AMS-IX), and the Faculty of Science of the University of Amsterdam.

About Research group

For more information as well as the latest publications of the HCDA research group, please visit their website:

<https://www.cwi.nl/en/groups/human-centered-data-analytics/>

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