



UNIVERSITY  
OF COLOGNE

Faculty of Management, Economics and Social Sciences



Photo: Simon Wegener

## Research Assistant in Smart Energy Markets (f/m/x)

### Cologne Institute for Information Systems (CIIS)

We are one of the largest and oldest universities in Europe and one of the most important employers in our region. Our broad range of subjects, the dynamic development of our main research areas and our central location in Cologne make us attractive for students and researchers from around the world. We offer a wide range of career opportunities in science, technology, and administration.

The Cologne Institute for Information Systems (CIIS) is engaged in highly interdisciplinary research, drawing from data analytics, decision science, computer science, economics, behavioral science, and machine learning to advance sustainable smart energy and mobility markets (<https://ciis.uni-koeln.de/en/>).

#### YOUR TASKS

- » Conducting research in energy systems and markets, with a focus on electricity markets, trading algorithms, and blockchain-based solutions
- » Designing and implementing reinforcement learning models for trading strategies
- » Collaborating in an interdisciplinary team and engaging in international research networks, particularly within the EU-Horizon project, INTELLIGENT ([intelligent-project.eu](https://intelligent-project.eu))

#### YOUR PROFILE

- » Master's degree (or equivalent) in energy engineering, computer science, economics, physics or a related field
- » A strong background in energy systems and electricity markets
- » Proven programming skills, particularly in Python
- » Knowledge of machine learning and reinforcement learning methods
- » Excellent communication skills and ability to work in a diverse, international team
- » Prior experience in large projects is a plus

#### WE OFFER

- » A diverse working environment with equal opportunities
- » Support in balancing work and family life
- » Extensive advanced training opportunities
- » Occupational health management offers
- » Flexible working time models
- » Opportunity to work remotely

The University of Cologne promotes equal opportunities and diversity. Women will be considered preferentially in accordance with the Equal Opportunities Act of North Rhine-Westphalia (Landesgleichstellungsgesetz – LGG NRW). We also expressly welcome applications from all suitable candidates regardless of their gender, nationality, ethnic and social origin, religion, disability, age, sexual orientation and identity.

The position is available immediately on a part-time basis (29,87 hours per week). The position is to be filled for a fixed term until 30 November 2027. If the applicant meets the relevant wage requirements and has the appropriate personal qualifications, the salary will be based on remuneration group 13 TV-L of the pay scale for the German public sector.

Please apply online with proof of the required qualifications without a photo under: <https://jobportal.uni-koeln.de>.

The reference number is Wiss2602-01. The application deadline is 24 February 2026.

For further inquiries, please contact Professor Dr Saber Talari ([talari@wiso.uni-koeln.de](mailto:talari@wiso.uni-koeln.de)) and take a look at our [FAQs](#).



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