



With more than 6,300 employees in research, teaching and administration and its unique profile, TU Dortmund University shapes prospects for the future: The cooperation between engineering and natural sciences as well as social and cultural studies pro-motes both technological innovations and progress in knowledge and methodology. And it is not only the more than 34,500 students who benefit from that.

Research Assistant Position (PhD/ Postdoc) in Knowledge Representation and Reasoning (Ref.-Nr.: w23-23)

The Chair Computer Science 1 of the Department of Computer Science of TU Dortmund University invites applications for a full-time research assistant position (PhD or Postdoc). The initial employment for three years can start at the earliest possible date. According to the public tariff regulations, the salary is based on the tariff groups E 13 TV-L. The position includes the option (and welcomes) to prepare a PhD.

The position is embedded in the newly established group “Knowledge-based Systems” led by Prof. Dr. Jean Christoph Jung and offers the opportunity to do research in the broad field of Logic-Based Knowledge Representation and Reasoning. More specifically, possible topics are in the areas:

- Description Logic
- Logic and Machine Learning
- Modal, Temporal, and Probabilistic Logics
- Logic in Computer Science

Please see <https://logic-in.cs.tu-dortmund.de/forschung/knowledge-based-systems/publikationen/> for recent publications on the topic.

The group is excellently connected, promotes exchange with national and international partners, and supports traveling to international conferences.

We explicitly note that applications of all sexes are welcome. Applications from women are favored complying with legal regulation. We also underline that applications of severely disabled persons are welcome

Applications enclosing curriculum vitae, latest grades and degrees, a motivation letter should be sent until **27.03.2023** under reference number **w23-23** to:

Responsibilities:

The successful applicant will:

- conduct research in the group’s focus areas and publish their results in international conferences and journals,
- support the group’s teaching efforts (of 4 hours per week) by preparing and delivering tutorials and (in case of a candidate with PhD) by supervising Bachelor/Master theses, and
- assist the group in administrative concerns.

Requirements:

- M.Sc. or PhD in Computer Science, Mathematics, or similar degree programs
- High degree of creativity, enthusiasm for research, analytic problem-solving skills
- Team-player
- Good command of English language

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For further information, please do not hesitate to contact:
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