Chair of Information-oriented Control (ITR)
Department of Electrical and Computer Engineering
Technical University of Munich

The Chair of Information-oriented Control (ITR) is seeking for a

PhD candidate / PostDoc in "Learning for control"

with primary application to human-centric systems in healthcare, mobility or infrastructure systems. The successful candidate will participate in a research project supported by the ERC Consolidator Grant *Safe data-driven control for human-centric systems (CO-MAN)*. The research project aims at developing a novel framework for user-adaptive data-driven control with performance guarantees in order to address the scientific challenges of high uncertainty and individual user requirements.

For this project, we are seeking a motivated and talented researcher with a strong disciplinary background in mathematics, formal methods of machine learning and control. Additionally, the candidate should have a keen interest in working in an interdisciplinary environment and the ability to work creatively in a team context requiring to communicate also across discipline borders. The candidate should have very good English language skills, knowledge of German is not mandatory.

The position is fully paid in accordance with the salary guidelines of the German Science Foundation (DFG). Requirements are a successful degree (master or doctoral/PhD) with exceptional records.

Please send your application including your complete CV, grades, relevant certificates, and some of your publications in a single pdf file by email to

office@itr.ei.tum.de with the keyword 'ERCPosCO-MAN'.

TUM is especially encouraging minorities and women to apply, because of its strong commitment to diversity in engineering education, research, and practice.

We are looking forward to hearing from you.

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