Faculty of Electrical and Computer Engineering

At the Institute of Automation, the Chair of Process Control Systems offers a position as

Research Associate / Postdoc

(Subject to personal qualification employees are remunerated according to salary group E 14 TV-L)

starting as soon as possible. The position is limited until 30.11.2024 with the possibility to extend if suitable. The period of employment is governed by the Fixed Term Research Contracts Act (Wissenschaftszeitvertragsgesetz-WissZeitVG). The position offers the chance to obtain further academic qualification (e.g. habilitation thesis).

You enjoy new challenges and want to actively influence the trends in the automation industry for the next years and decades? Are you a creative mind for whom there are no limits? You enjoy solving complex problems in the field of information modeling for industry 4.0? Then the team of the Chair of Process Control Systems offers you exactly the right opportunity. With us, you can get involved in a creative way in a prosperous and dynamic interdisciplinary research environment and shape the future of the process industry.

Tasks: Within the framework of a research project you will take on the role of project leader. In addition to being responsible for your staff, you will also be responsible for the coordination and supervision of the work packages. You will ensure the achievement of objectives and, if necessary, develop control measures. In doing so, you will support the work package editors as a technical contact person. The research project is concerned with the description, networking and marketing of encapsulated AI methods for use in production-related environments for small and medium-sized enterprises. A special focus is put on energy efficiency. You will also be responsible for communication with the project partners involved. The research results will be coordinated with the project partners from industry and science and published at international conferences and in recognized scientific journals.

Requirements: Above average university and PhD degree in the field of computer science, information systems engineering, electrical engineering, process informatics or related fields. You should have an enthusiasm for new challenges in computer science aspect related to industry. This requires solid knowledge in information modeling, AI methods, software architecture and software development. As well as very good programming skills in common languages, especially object orientation and design patterns should not be foreign. Experience in continuous interaction and development completes your profile. Experience in leadership desirable. An independent, goal- and solution-oriented way of working and inter- and multidisciplinary thinking as well as a confident command of the English and German language in spoken and written.

Further information on the Chair of Process Control Systems is available at: https://tu-dresden.de/ing/elektrotechnik/ifa/plt?set_language=en.

Applications from women are particularly welcome. The same applies to people with disabilities. Please submit your comprehensive application including the usual documents by March 2, 2021 (stamped arrival date of the university central mail service applies) by mail to: TU Dresden, Fakultät Elektrotechnik und Informationstechnik, Institut für Automatisierungstechnik, Professur für Prozessleittechnik, Frau Kirstie Kantemir, Helmholtzstr. 10, 01069 Dresden, or preferably via the TU Dresden SecureMail Portal https://securemail.tu-dresden.de by sending it as a single pdf-document to kirstie.kantemir@tu-dresden.de. Please submit copies only, as your
application will not be returned to you. Expenses incurred in attending interviews cannot be reimbursed.

Reference to data protection: Your data protection rights, the purpose for which your data will be processed, as well as further information about data protection is available to you on the website: https://tudresden.de/karriere/datenschutzhinweis