



The Fakultät für Elektrotechnik und Informationstechnik der Technischen Universität Wien invites applications at the Automation and Control Institute (ACIN) for a **Laufbahnstelle für einen/e Assistenten/in** with qualification agreement in the area of

Advanced Control of Industrial Production Processes

in form of an initially fixed-term (6 years) tenure track position starting from **April 1st, 2016** with the possibility of promotion to a permanent position as Associate Professor after a positive tenure evaluation.

Main research areas are the development and application of advanced concepts from systems theory and control for industrial production processes. Special emphasis should be placed on first-principles mathematical modelling, model-based identification and state estimation, new concepts of diagnosis and fault detection, the design of real-time capable nonlinear MIMO control and optimization algorithms, resource-efficient production, the optimization of material and energy flows in production as well as the design of new control architectures for the digital integration of production systems along the whole value chain. The successful candidate is expected to initiate independent, innovative research programs and to establish his/her own research group.

The requirements for applications to this position are as follows: The successful candidate is expected to be an internationally recognized scientist with a PhD in the field of systems theory and control and proven experience in the controller design for real-world industrial production processes. Moreover, experience and commitment to excellence in teaching and supervision of undergraduate, graduate and PhD students are expected.

Salaries and benefits of the tenure track position are according to collective labor agreement for employees at universities, **salary group B1**, based on 40 hours per week, and a salary of currently EUR 59.400,00 per year. After signature of the qualification agreement salaries and benefits are raised to salary group **A2** with EUR 64.400,00 per year.

Applications should include curriculum vitae, list of publications, copies of 5 most relevant publications, list of successful grant applications, and list of teaching experience. Applications should be directed to the Dean of the Fakultät Elektrotechnik und Informationstechnik, TU Wien, Erzherzog Johann Platz 1, 1040 Wien, Austria. Electronic applications with all documents in a single file to veronika.korn@tuwien.ac.at

Application deadline March 17th, 2016 (date of postmark).

Candidates are not eligible for a refund of expenses for travelling and lodging related to the application process.

For more information please contact Prof. Andreas Kugi kugi@acin.tuwien.ac.at