CALL FOR 4-YEARS FUNDED DOCTORAL POSITIONS

Resilient Embedded Systems

Research Topic Domains:
- Digital circuits and hardware architecture
- Dependable, real-time systems
- Hybrid systems and optimal control
- Quantitative and runtime verification
- Computational modeling and simulation
- Autonomous systems, robotics and automation systems integration
- Control networks design
- Cyber-physical social systems & (Industrial) Internet of Things

The Resilient Embedded Systems doctoral program is funded by the Austrian BMBWF and runs jointly by TU Wien and FH Technikum Wien.

HOW TO APPLY - The prerequisite for becoming a PhD student is a finished master degree or equivalent, preferably with distinction, in the fields of Computer Science/Informatics, Computer Engineering, Electrical Engineering or Information Technology. More details, including the application procedure can be found at the webpage.

APPLICATIONS MUST BE SUBMITTED BY MARCH 24, 2019, 23:59 (CET).

After a first round of review, selected candidates will be invited for a hearing, in which they get an opportunity to present their research plans and to get in touch with potential advisors. Travel costs will be covered.

- The hearings will be scheduled for April 24 - May 7, 2019.
- A final decision will be made mid of May 2019.
- The Resilient Embedded Systems doctoral program starts in October 2019.

Successful candidates will receive an employment from the hosting institution (TU Wien or FH-Technikum Wien) following the standard salaries for FWF projects, 29.573,60 € gross salary per year (https://www.fwf.ac.at/en/research-funding/personnel-costs). We explicitly encourage female candidates to apply. Preference will be given when equally qualified.

TU Wien is among the most successful technical universities in Europe and is Austria’s largest scientific-technical research and educational institution. For 200 years, TU Wien has been a place of research, teaching and learning in the service of progress. Among TU Wien’s eight faculties, the Faculty of Informatics is a very young, innovative and dynamic one. It is consistently ranked among the top Computer Science faculties worldwide.

The University of Applied Sciences FH-Technikum Wien focuses on bachelor’s and master’s degree programs in various technological domains. These are based on a solid scientific foundation with a high degree of industrial relevance. Predominant projects like the Josef Ressel Center for Verification of Embedded Computing Systems contribute to the state-of-the-art in tight cooperation with the Austrian industry.

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