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4-Years Funded Doctoral Positions: Doctoral Program on Resilient Embedded Systems

Submitted by willirn1 on Wed, 01/15/2020 - 2:58pm

Positional Annoucement

4-Years Funded Doctoral Positions: Doctoral Program on Resilient Embedded Systems

Webpage: https://informatics.tuwien.ac.at/dc-resilient-embedded-systems

TU Wien and FH Technikum Wien are seeking exceptionally talented and motivated students for their joint doctoral program on Resilient Embedded Systems.

OVERVIEW

This program is aimed at highly motivated students who want to work in one of these main research topics:

- Digital circuits and hardware architectures
- Dependable, real-time systems
- Hybrid systems and optimal control
- Quantitative and runtime verification
- Computational modelling 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 run jointly by TU Wien and FH Technikum Wien.

HOW TO APPLY

Organization - 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, 2020 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 May 4-6, 2020.

A final decision will be made by mid of May 2020 and the Resilient Embedded Systems doctoral program for this cohort starts in October 2020.

The successful candidates will receive an employment from the hosting institution (TU Wien or FH Technikum Wien) following the standard salaries of TU Wien, at least 30.077,25 EUR gross We explicitly encourage female candidates to apply. Preference will be given when equally qualified.

ABOUT

TU Wien
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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.
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FH Technikum Wien
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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.

Position Announcements Announcement