

SAFETY AND SECURITY IN INDUSTRY RESEARCH LAB (SAFESECLAB)

A COOPERATION BETWEEN TU WIEN AND TÜV AUSTRIA

CALL FOR 3-YEARS FUNDED DOCTORAL POSITIONS



Cyber-physical production systems (CPPS) need suitable networked architectures that take into account and combine **safety** (operation of the system must not pose any danger) and **security** (protection against unauthorized manipulation).

As part of the newly founded “TÜV AUSTRIA Safety and Security in Industry - Research Lab” (**SafeSecLab**), several related research questions are addressed within the framework of **dissertation projects**.

YOUR PROFILE:

- Academic master degree in computer science/informatics, electrical engineering or information technology
 - Interest in research in security and safety
 - Excellent knowledge of English
 - Interest in interdisciplinary work
- Additional project specific requirements are listed on the application webpage.*

CURRENTLY OPEN PHD TOPICS:

- Safety and Security Modelling
- Safe and Secure System Architectures
- Automated Risk Management
- Secure Hardware Design

APPLY: [HTTPS://KARRIERE.TUWIEN.AC.AT/JOB/126869](https://karriere.tuwien.ac.at/job/126869)

Applications must be submitted by March 19, 2020, 23:59 (CET)

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. Participating in the SafeSecLab are the Faculty of Informatics, the Faculty of Electrical Engineering and Information Technology and the Faculty of Mechanical and Industrial Engineering.



TÜV AUSTRIA is an international company with operations in more than 20 countries with over 2.000 experts. Our tailor-made solutions embrace industrial services, inspection, monitoring, certification, IT security, insurance services and training. TÜV AUSTRIA Group's international focus and the multitude of national and international accreditations make TÜV AUSTRIA a competent, secure and dependable partner.