

The Security and Privacy Research Unit at TU Wien (<https://secpriv.wien>) is offering a fully funded PhD position within the Christian Doppler Laboratory on Blockchain Technologies for the Internet of Things (CDL-BOT, <https://www.cdl-bot.at/en>) under the supervision of Univ.-Prof. Dr. Matteo Maffei.

### Your profile:

- A master degree in computer science or equivalent (the degree must be completed by the beginning of the employment) in Austria or abroad
- Ideally, a background in formal methods and/or blockchain technologies
- Very good skills in English communication and writing
- Very good communicative skills and teamwork competencies

### Your tasks:

- Conducting world-class research in the formal verification of security properties in smart contracts and DeFi applications
- Engaging in research collaborations within CDL-BOT and with the blockchain community
- Opportunity to contribute to teaching on the master level on blockchain technologies.

### We offer:

- The Security and Privacy group at TU Wien is internationally renowned, regularly publishes in top security and privacy venues, and consists of an international and diverse team with various expertise in the field of cryptography, security, and privacy
- An international environment: the working language is English, knowledge of German is not required
- Continuing personal and professional education and flexible working hours
- Central location of workplace with very good accessibility (U1/U2/U4 Karlsplatz)
- A creative environment in one of the most liveable cities in the world
- Additional benefits for employees can be found at the following link ([https://jobs.tuwien.ac.at/Content/files/Fringe\\_Benefit\\_Katalog\\_TUW\\_englisch\\_ck.pdf](https://jobs.tuwien.ac.at/Content/files/Fringe_Benefit_Katalog_TUW_englisch_ck.pdf))
- A highly competitive salary

TU Wien is committed to increasing the proportion of women in particular in leadership positions. Female applicants are explicitly encouraged to apply. Preference will be given to women when equally qualified, unless reasons

specific to a male applicant tilt the balance in his favour. People with special needs are equally encouraged to apply.

Interested candidates should send the application material to [matteo.maffei@tuwien.ac.at](mailto:matteo.maffei@tuwien.ac.at). The application material should include

- a motivation letter
- Bachelor and Master transcripts of records
- a publication list
- a curriculum vitae
- contact information for two referees

Applications received by November 19th will receive full consideration, but applications will be accepted until the position is filled.

Please do not hesitate to contact Univ.-Prof. Dr. Matteo Maffei for formal inquiries.