

Full-Time Postdoc Position open at the Additive Manufacturing Technologies group of the TU Wien (Vienna, Austria). Our group has a strong record of accomplishments including two successful spin-off companies, research / industrial projects (two consecutive ERC Grants - PI Aleks Ovsianikov) and a number of peer-reviewed publications. The successful candidate will join a highly interdisciplinary and multinational research laboratory with excellent infrastructure in the heart of Vienna.



TECHNISCHE
UNIVERSITÄT
WIEN

Technische Universität Wien (TU Wien) founded in 1815 as an Imperial and Royal Polytechnic Institute (k. k. Polytechnisches Institut) is one of the oldest engineering schools in Europe. The university consists of eight faculties that cover the classical engineering disciplines and natural sciences. The teaching and fundamental as well as applied research receives high international and domestic recognition. Being one of the most innovative institutions in Austria, TU Wien is consistently ranked among the best with regard to the number of granted patents.



We provide:

- Interesting research topics within innovative highly interdisciplinary environment promoting curiosity, creativity, innovation and companionship
- Excellent opportunities for personal development in scientifically stimulating surrounding
- Flexible working hours reconciling career and family, a range of according university services

Full-time Post-Doc position in the field of Additive Manufacturing with a focus on biomedical applications, 3D-(bio)-Printing. Expected Qualifications:

PhD in mechatronics, mechanical /electrical / biomedical engineering, applied physics, or similar

Within our highly interdisciplinary group it is not expected that a candidate possesses a comprehensive background in every area, but practical experience in mechatronics, robotics, electronics, programming (e.g. C++, python), mechanical design (e.g. AutoCAD Solid Works), design of optical systems (e.g. Zemax) and lasers, will be considered an asset

Experience in tissue engineering, 3D cell culture, bioprinting or similar will be positively evaluated

We are looking for an outstanding candidate with post-doc experience and a proven scientific record, including peer-reviewed publications, grant applications and student supervision

Experience in establishing new collaborations and research proposal writing would be advantageous

Contract information:

Employment starting early 2019, the expected duration is around 2 years with the possibility to extend.

The gross monthly salary for the PostDoc position starts at around 3711 € (paid 14 times per year).

The salary and the terms of employment are set in accordance to the collective labor agreement of the Austrian Universities and trade union of public service.

The exact starting date and the salary will be agreed upon with the individual candidate.

Application documents:

- A motivation letter listing significant achievements, relevant experience referring to the description of this position and indicating preferred start date (no longer than 2 pages)
- CV, including education / internship / employment / publication record
- Names of three people who could provide a reference, if already available the reference letters can be included with the application

Short-listed candidates will be contacted within three weeks after the application deadline in order to schedule video-interviews.

Qualified candidates should apply by sending the above documents by the 10th of January 2019 per e-mail with the subject line "PostDoc Application AMT" to: sekretariat+E308@tuwien.ac.at

[Institute of Materials Science and -Technology (E308), TU Wien, Getreidemarkt 9, Vienna, Austria]

Important: Applications not providing the requested information will not be considered!

The submitted files should not exceed 5 Mb in total.