Institut für Fertigungstechnik

Job Advertisement

The Institute of Production Engineering at Graz University of Technology runs the research- and learning factory „smartfactory@tugraz“ wherein research and teaching for the wide range of digitalised production is done and most up to date solutions can be experienced. For the ongoing research and the enrichment of our team we look for a

IT-System-Integrator Production 4.0 (m/f/d)

with interest to work on a Doctoral Thesis

Full Time Employment, limited in time for the execution of the Doctoral Thesis

Prerequisites:

- Final degree of a University of Technology or a University of Applied Sciences with focus on Mechatronics, SW-Technologies, Digitalisation, ICT, Network Technologies or comparable.
- Pronounced affinity to the topic „Digitalisation in Production Environments“ and its ICT-bound SW applications.
- High interest and readiness for the ongoing development of the „smartfactory@tugraz“ and doing scientific work.
- Experience in the area of robotics and PLC-programming as well as knowledge in simulation techniques are advantageous.
- Language skills in German or English (spoken and written).
- Team spirit, initiative, flexibility, hands-on mentality.

Tasks:

- Application oriented work with a PLM System (Siemens Teamcenter), an ERP-System (proAlpha), an MES (Solidat) and an integrating middleware (PdM Webconnector).
- Perpetuation and ongoing development of data-security- und -safety concepts in the context of a digitalised production in collaboration with professional partner companies.
- Scientific work in the field of production relevant topics in digitalisation such as simulation of manufacturing processes, Edge Computing, Digital Twin, AR/VR, etc. (the topic of the doctoral thesis follows a mutual understanding)
- Participation on presentations inside and outside the learning factory (internal/external speeches, conferences)
- Support and participation in common tasks of the Institute.

Introduction of Tasks:

You will have the opportunity to collaborate with your predecessor in your subject for a couple of months for achieving a deeper understanding within the tasks to be secured. Additionally you will be introduced to the existing network of external experts.

Working Location:

8010 Graz, Graz University of Technology, Inffeldgasse 25f, smartfactory@tugraz.

Remuneration:

Rating: B1 acc. to the payment regulations of Universities; the monthly minimum remuneration for this rating actually is € 2.971,50 pre-tax (paid 14 times per year). Depending on qualifications and experiences of the candidate a higher remuneration is possible.

Offer:

We offer the chance to work in a dynamic environment of scientists and noted project partners from industry and economy in a modern research location in order to be part of a further development. In the course of fulfilling your tasks there is the opportunity to do a doctoral thesis in the context of the focus of your employment.

Graz University of Technology intends to raise the ratio of woman in scientific employments. That is why we also and explicitly address qualified women for applying to this advertisement. Graz University of Technology actively cares about cultural diversity and equality of opportunity. Candidates with handicap and matching qualification are explicitly invited to apply.

Your application:

Please address your meaningful application including CV and a letter of motivation to:

Mrs. Regina Meichenitsch
Institute of Production Engineering at Graz University of Technology
Inffeldgasse 25f, 8010 Graz
or per e-Mail to smartfactory@tugraz.at

Looking forward to your application!