

Research Associate (m/f/d) in the area of digitalization

Description:

As one of the largest research departments at University of Bayreuth, we are driving research in polymer materials and processes. Our aspiration is the digital transformation of our Department of Polymer Engineering. We are therefore looking for a Scientific Assistant (m/f/d) in the area of digitalization in cooperation with Neue Materialien Bayreuth GmbH with immediate effect.

Your task are:

- Digitalization of the department by supporting research and industrial projects
- Implementation and scaling of cloud-based data acquisition of processing plants
- Elaboration of project proposals
- Skilling-up colleagues in digital methods
- Concepts for future activities on sensor technologies, data analysis and machine learning in the plastics industry

You will be employed by Neue Materialien Bayreuth GmbH on a full-time basis for one year. Further employment on a PhD position is foreseen. The PhD topic is linked to a research project you shape.

Your profile:

You have a successfully completed your studies and graduated at university (Master / Diploma degree) in the field of computer science, business informatics, mathematics, physics or other IT-related areas.

Experience in connectivity, IT architecture, IoT and machine learning is an advantage. You are convincing by your competent appearance and taking initiative. You have a good command of written and spoken German and English.

We offer you:

- freedom to shape the digitalization of the department
- cooperation in a dynamic research team
- a versatile field of activities combined with outstanding technical equipment

- an innovative scientific activity bundled with application-oriented research
- a variety of industrial contacts
- remuneration according to TV-L
- opportunity to do a doctorate in the context of a new research project

Application:

Please send your complete application documents (curriculum vitae, letter of motivation, certificates and letters of recommendation), indicating your possible start date, directly to <mailto:applications.pe@uni-bayreuth.de>.

Severely disabled persons will be considered preferentially in case of equal suitability. We also aim to increase the proportion of women and therefore strongly encourage women to apply.