MAX-PLANCK-INSTITUT FÜR DYNAMIK KOMPLEXER TECHNISCHER SYSTEME MAGDEBURG

OTTO VON GUERICKE UNIVERSITÄT MAGDEBURG

IMPRS ProEng
International Max Planck Research School for Advanced Methods in Process and Systems Engineering
Magdeburg

Call for Applications – PhD Students

The International Max Planck Research School for Advanced Methods in Process and Systems Engineering offers several new positions for doctoral students at the Otto von Guericke University and the Max Planck Institute in Magdeburg.

We look for students with a Master Degree (or degrees equivalent to the German Diploma) in the areas of chemical engineering & bioengineering, systems & control theory and mathematics. The program is open to all nationalities and the working language is English.

Apply to one of our four research clusters:

- Biotechnological production platforms for biologicals, biopolymers and chemicals
- Efficient chemical energy conversion and storage based on renewables
- Production lines from natural products to active pharmaceutical ingredients
- System-theoretical, systems engineering and algorithmic methods, concepts and tools

An extensive curriculum of both scientific and soft skills qualifies our students to lead the next generation of successful scientists and professionals. Furthermore, the IMPRS ProEng supports doctoral students in conducting part of their research at our international partner institutions.

The **IMPRS ProEng** offers a structured PhD program which gives talented German and international young scientists the opportunity to obtain a doctorate under excellent research conditions, a multidisciplinary environment and close scientific supervision. The doctoral degree is awarded by the Otto von Guericke University.

Magdeburg is one of the greenest cities in Germany. Massive investments in science and culture have created an attractive and innovative landscape. Rents and prices are low in comparison to other German cities. An active IMPRS social life ensures that there is always something interesting going on!

Further information & application:
http://www.mpi-magdeburg.mpg.de/imprs

Deadline for online applications: January 19, 2020

Program jointly run by the **Max Planck Institute for Dynamics of Complex Technical Systems** and the **Otto von Guericke University Magdeburg**.