

Job posting

Type of position



scientific



administrative

Target group



graduates



post docs



other

Title

HEAD OF RESEARCH PROGRAMME
WELDING AND SWITCHING

Institution

SMART PEOPLE WANTED!

The Leibniz Institute for Plasma Science and Technology (INP) is the biggest non-university institution in the field of low-temperature plasmas in Europe and ranks among the most modern institutions in this field worldwide. We are engaged in research and development FROM IDEA TO PROTOTYPE. In an international working environment, we deal with socially relevant challenges in the fields of Materials & Energy as well as Environment & Health. Currently the INP employs about 200 employees at three locations in Mecklenburg-Vorpommern.

The focus of our research programme „Welding and Switching“ currently lies on the investigation of welding and switching arcs as well as other discharge phenomena in high voltage systems closely coupled to engineering questions regarding high current and high voltage technology, the development of circuit breakers and joining technology. Studies by means of modelling as well as electrical and optical diagnostics are paramount.

Position

For our research team, we are looking to recruit for the location in Greifswald a

HEAD OF RESEARCH PROGRAMME
WELDING AND SWITCHING

at the earliest possible date/ Weekly working time 40 hours/
TV-L Ost wage group E14

Do you want to take on the scientific management of a dynamic and talented research team? Do you desire to participate in the development of a research programme?

You are enthusiastic about technology and like working creatively in a team of like-minded scientists, engineers and technicians?

Then you might be interested in the following job offer!

Responsibilities You will take on the scientific and administrative management of the research programme „Welding and Switching“. At the locations in Greifswald and Rostock, a highly motivated team of physicists, electrical and mechanical engineers as well as modern, comprehensive and highly specialized laboratory and diagnostic equipment await you. Your area of responsibility includes, inter alia, laboratories for the operation of high-current arcs, other high current and high voltage experiments and arc welding processes as well as knowhow and resources for the development of complex modelling and simulation techniques in close cooperation with the heads of departments “Plasma Radiation Technique” and “Plasma Modelling”.

Within the scope of your diverse and challenging tasks, you will:

- develop and consolidate the strategy of your research programme focusing on attractive scientific and application oriented topics,
- exploit new industrial application areas,
- raise third-party funds provided by public and industrial funding,
- care about the extension and maintaining of existing contacts to recognised institutes in Germany and abroad and to industrial cooperation partners,
- manage ongoing projects in cooperation with the respective project leaders,
- carry out your own research activities
- write an appropriate number of papers.

Requirements

- successfully completed higher education studies (Master or Diploma) preferably in Physics, Electrical Engineering or High Voltage Technology or Mechanical Engineering with specialisation in welding technology
- several years of leadership experience and experience of project management desirable
- demonstrable (papers, projects) expertise in the area of application, diagnostic and modelling of thermal plasmas OR in the area of high voltage technology OR in the area of arc welding
- industrial experience would be an advantage
- high commitment
- demonstrable experience in raising third-party funds

Application procedure (deadline etc.)

- Payment and social services according to the collective wage agreement on Länder (TVL-Ost)
- Creative surrounding with technical facilities at the highest level
- A highly motivated research team and an open-minded management team
- Innovative topics of overall social and international relevance
- Flexible working hours
- Possibility of working from a home office
- A working environment certified as family-friendly

We aim at raising the share of female employees in scientific sector, especially in executive positions. Therefore, we welcome applications of appropriately qualified women in particular. Severely disabled applicants with equal qualifications are given priority.

Unfortunately, the INP cannot refund any application expenses.

Please send your complete application giving the keyword „0274 – Head of Research Pro-gramme Welding and Switching” - preferably via our online application form - until 20th January 2019 to the INP, Human Resources Department Mrs Lembke, Felix-Hausdorff-Str. 2, 17489 Greifswald, bewu@inp-greifswald.de. Please present your scientific and professional career in your letter of motivation and describe your future research proposals. A list of your most relevant publications as well as your previous obtainment of third-party funds is enclosed.

Contact

For further information and inquiries, please contact Prof. Dr. Uhrlandt (phone: 03834-554 461; e-mail: uhrlandt@inp-greifswald.de).