## Job posting

<table>
<thead>
<tr>
<th>Type of position</th>
<th>Target group</th>
</tr>
</thead>
<tbody>
<tr>
<td>☒ scientific</td>
<td>graduates</td>
</tr>
<tr>
<td>☐ administrative</td>
<td>post docs</td>
</tr>
<tr>
<td>☐ other</td>
<td>other</td>
</tr>
</tbody>
</table>

### Title
POST DOC (F/M/D)
PLASMA SOURCE CONCEPTS

### Institution
RESEARCH AND DEVELOPMENT
FROM IDEA TO PROTOTYPE

Our institute ranks among the largest and most modern institutions in the field of low-temperature plasmas worldwide. In an international working environment, we conduct socially relevant research within our core areas Materials & Energy and Environment & Health. Currently the INP employs about 200 scientists and staff at three locations (Greifswald, Rostock and Karlsburg).

### Position
For our scientific group Plasma Source Concepts we are looking to recruit for the location in Karlsburg and Greifswald starting on 1st October 2020 a

POST DOC (F/M/D)
PLASMA SOURCE CONCEPTS

Fixed term contract for 24 months / Full-time appointment (40 hours/week) / Target salary: TV-L (pay scale area East)/E13

### Responsibilities
- Setup and operation with a diagnostic system for surface charge measurement to investigate the interaction of multiple plasma jets with each other and with a surface;
- Optical and electrical diagnostics of the interaction of plasma jet or an array of plasma jets with different surfaces and the gas flow;
- Supervision of students and PhD students;
- Interaction with an interdisciplinary team from physicists to medical stuff including presentation of scientific results;
- Publication of scientific results on scientific conferences and in peer reviewed journals;
- Acquisition of third party funds;
- Management of scientific projects.
Requirements
- Successfully completed Master of Science/German Diploma and PhD in physics or engineering
- Experience with experimental plasma diagnostics (optical and electrical) of cold atmospheric pressure plasma (preferred with a background in plasma medical application)
- Experience in the operation and diagnostics of multiple cold atmospheric plasma sources
- Analytical competencies and problem-oriented thinking
- Fluent English, German optional
- Experienced team worker, willingness and joy for independent work
- Very high communication skills, individual initiative and extraordinary engagement are required

Application procedure (deadline etc.)
OUR OFFER FOR YOU:
- Compensation according to collective salary agreement of Länder (TVL, pay scale area East) including employer contributions to medical and dental insurance, maternity leave and retirement benefits
- Creative working environment
- State-of-the-art technical facilities
- Networking opportunities at national and international conferences and in cooperation with national and international industry partners
- Possibility of designing and implementing own project ideas
- In-house German course free of charge
- Flexible working hours and home-office offers
- 30 vacation days per year (plus: December 24 and 31)
- Sports courses in our institute rooms

HOW TO APPLY
Please apply with the common documents (cover letter, CV, copies of academic degrees and letters of reference) giving the keyword „0358 Post Doc Plasma Source Concepts“ - preferably via our online application - until 4th September 2020.

Your performance and personality matters regardless of your age, origin, gender, sexual identity, disability or ideology. We look forward to receiving your applications!

The INP wants equal participation of men and women, especially in science. There are many good reasons why it is worthwhile to promote the potential of women specifically. Qualified women candidates are explicitly called to apply. Handicapped applicants will be preferred in case of equal qualification.
Contact

For further information and inquiries, please contact: Dr. Torsten Gerling (E-Mail: gerling@inp-greifswald.de).

Please send your applications to*:
Leibniz-Institute for Plasma Science and Technology (INP)
Mrs. Gabriele Lembke
Human Resources Department
Felix-Hausdorff-Str. 2
17489 Greifswald
E-Mail: bewu@inp-greifswald.de

* Unfortunately, we cannot refund any expenses associated with the application or job interview due to budgetary regulations.