

Plasma Matters B.V. specializes in plasma modeling and numerical simulation. Plasma Matters B.V. offers scientific expertise and the industry-strength plasma simulation software PLASIMO (<https://plasimo.phys.tue.nl>) to academic and industrial customers that employ plasma technologies. We help our customers to optimize their plasma production processes, solve short-term issues and develop innovative plasma technologies.

Plasma Matters B.V. is a spin-off company from Eindhoven University of Technology and works in a very close collaboration with the modeling team of the group Elementary Processes in Gas Discharges at the Applied Physics Department. The result is a team of plasma modeling experts, PhDs and Msc students, all with a complementary set of skills and background.

We are now looking for an expert in computational science or/and plasma physics to strengthen our team of experts and to help Plasma Matters B.V. keep growing. If you are hard-working and dedicated, if you like working in a scientific environment and on a variety of projects, to attack and crack technical and scientific challenges, to get the job done and deliver results, then Plasma Matters B.V. is an ideal place to build your career. Apply today!

Job Description

- Setup numerical models for various types of plasma or setup specific models that focus on a specific problem or plasma aspect.
- Validate modeling results against available experimental data or literature.
- Initiate and formulate theoretical test cases.
- Conduct research for solving customers' issues or answer technology questions.
- Come up with means and methods to realize above tasks and/or improve on known practices.
- Share your knowledge effectively with the team
- Report findings into reports and presentations
- Contribute to and assist with technical research papers

Education

- At least a Master's degree in computational plasma physics or related field. A PhD is preferred

Personal skills

- Excellent verbal and written communication skills
- Enthusiastic and passionate about plasma physics and computational methods
- Great analytical and problem-solving skills
- Excellent research and data gathering skills
- Critical and pragmatic attitude
- Able to work in a multidisciplinary team and effectively transfer knowledge to others

To submit your application, please send an email with your CV to careers@plasma-matters.nl.