

Join the

International Helmholtz Graduate School for Plasma Physics

















The International Helmholtz Graduate School for Plasma Physics is a graduate school for doctoral candidates at the Max-Planck-Institute for Plasma Physics (IPP) and its partner universities, the Technical University of Munich (TUM) and the Ernst-Moritz-Arndt University of Greifswald. Associated partners are the Leibniz Institute for Plasma Science and Technology (INP) in Greifswald and the Leibniz Computational Center (LRZ) in Garching.

Mission Statement · It is the goal of HEPP to provide excellent working conditions for your PhD research in the field of plasma physics, fusion research, computational physics and surface science.

All members of HEPP have agreed on the Terms of good practice in doctoral training in the International Helmholtz Graduate School for Plasma Physics.

HEPP combines a stimulating intellectual environment, access to state-of-the art laboratory equipment and supercomputers, and a dedicated training program with a broad spectrum of summer schools, special lectures, colloquia and workshops.



We offer:

- cutting-edge research
- interdisciplinary approach
- international context
- first-rate teaching

HEPP aims to provide a coherent framework at IPP and the participating universities for qualifying a new generation of internationally competitive doctoral candidates in the field of plasma physics, fusion research, computational physics, surface science, and plasma technology. Upon completion of the programme, students are awarded a PhD in physics by the partner universities.



Admission · The formal prerequisite for admission to the HEPP programme is a master's degree in physics or computer science, or a similar degree. Students holding a bachelor's degree are welcome to earn their master's degree in a two-year master program at the University of Greifswald. Applicants are expected to have excellent oral and written English language skills, and may be asked to provide TOEFL (Test of English as a Foreign Language) test scores. Applicants have to provide the names and addresses of two faculty members of the university from which the first degree has been obtained. These faculty members may be asked for letters of recommendation concerning the applicant. The research preferences of an applicant should be compliant with the research areas of one of the working groups of the HEPP partners.



Financial Support · Study in the International Helmholtz Graduate School for Plasma Physics is free of charge and not subject to tuition fees. Moreover, financial support in the form of scholarships or employment contracts is available upon application.

HEPP also provides financial support for international exchanges (research stays or conference participations).





Contact for Questions and Applications

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Associated Partners





