

# Summer University for Plasma Physics and Fusion Research

Greifswald, 12 - 16 September 2022

## Programme

The course covers the main aspects of plasma physics with emphasis on nuclear fusion: basics of plasma physics – kinetic theory and magneto-hydrodynamic description of a plasma – concepts and experimental results of tokamak and stellarator configurations – heating and diagnostics – plasma wall interaction and material research – astrophysical plasmas – ITER and the next steps towards a reactor. The course includes a tour of IPP's stellarator experiment Wendelstein 7-X.

The lectures are designed for physics and engineering students of European Universities who have already completed their bachelor courses and not yet decided their PhD topic.

## Fee

The school fee is 50 euros. IPP will cover the costs of accommodation and social events. Participants are required to pay their travel costs.

## Application

The school is intended for a maximum of 50 participants. Applications must be submitted online and must include evidence of undergraduate studies (e.g. diploma or bachelor) and CV.

## Deadline

31 May 2022

## Contact

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## Scientific Programme

Dr. Ralf Kleiber  
Dr. Roberto Bilato



Application

[www.ipp-summeruni.info](http://www.ipp-summeruni.info)