

HEPP Seminar - Mondays 16:00-17:00

| Garching (location: lecture hall D2 unless stated otherwise) | | | Greifswald (location: seminar room 2 unless stated otherwise) | |
|--|--|--|---|---|
| Date | Speaker | Title | Speaker | Title |
| 20.04.2020 | | | Juan Guerrero | Information entropy analysis for transport investigation of W7-X (10') |
| 27.04.2020 | Antonio Magnanimo Felix Paulus | Supercapacitors-based power supply for AUG toroidal field coils (20') Active RF biasing : A possibility to study the propagation of ICRF waves and suppress the RF sheath effect in fusion relevant plasmas on AUG(10') | Alistair Arnold | Kinetics of fuel pellet injection (10') |
| 11.05.2020 | Andrej Lier Victor Artigues | Alpha particle driven Alfvén instabilities in ITER post disruption plasmas (10') Multi-class disruption prediction at JET using shapelets (20') | Sara Vaz Mendes | Characterization of Alfvénic activity in W7-X (10') |
| 18.05.2020 | | | | |
| 25.05.2020 | Rohan Ramasamy Nikita Nikulsin | Axisymmetric approximations of stellarators using virtual concepts (20') Implementation and testing of stellarator capable models in JOEUK (20') | --- | --- |
| 08.06.2020 | Dominik Michels Leonard Leppin Mario R  th | Progress towards gyrokinetic simulations in the SOL with GENE-X (20') Towards improved edge turbulence models(10') Limitations of gyrokinetic theory (10') | --- | --- |
| 29.06.2020 | Maximilian Fuhr Kristof Kremer | Deformation behaviour of heavily drawn tungsten wires (10') Hydrogen isotope uptake, retention and release from self-damaged tungsten 10') | Jorit Lion | Modeling a general class of stellarators with the system code PROCESS (20') |
| 06.07.2020 | Annemarie K  rcher Felix Wilms | Helium cluster formation in tungsten (10') Turbulence in stellarators with GENE3D (10') | Jan-Peter B  hner | Core plasma density fluctuations in W7-X ECRH plasmas (20') |
| 13.07.2020 | Jonas Graw Marco Muraca | Simulations of perpendicular collisionless shocks in multiple ion AGN plasmas (20') Reduced physical models for a tokamak flight simulator (10') | Michael Kuczynski | tbd (10') |
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| | Peter Manz | Round Table | Birger Buttensch  n | Round Table |