

**Lectures****Technical University of Munich**

suggestions:

Plasma physics 1 (U. Stroth, 2 SWS)  
Magnetohydrodynamic phenomena - an introduction (K. Hallatschek, 2 SWS)  
Turbulence in neutral fluids and plasmas (P. Manz, 2 SWS)  
Data analysis (A. Caldwell, 2 SWS)

for a complete list of lectures see:

<https://campus.tum.de/tumonline/webnav.ini>

**Ludwig Maximilian University Munich**

suggestions:

Einführung in die Plasmaphysik (T. Pütterich, J. Stober, H. Zohm, 3 SWS)

for a complete list of lectures see:

<https://sf.verwaltung.uni-muenchen.de/qisserver/rds?state=wtree&search=1>

**University of Greifswald**

suggestions:

Plasma diagnostics (A. Dinklage / A. Melzer, 2 SWS)  
Introduction to plasma physics (T. Klinger, 2 SWS)  
Non-neutral plasmas and trapped charged particles (T. Sunn Pedersen, 2 SWS)

for a complete list of lectures see:

<http://www.physik.uni-greifswald.de/studium/vorlesungsplaene.html>

Please note that lectures listed here are not necessarily given in English language. If you are interested in one of the lectures and do not speak German, please feel free to contact the lecturer – there is a chance that he/she is willing to give that lecture in English.

## Local Graduate Schools

TUM-GS

<http://www.gs.tum.de/en/news>

Graduate Academy Greifswald

<http://www.uni-greifswald.de/forschen/graduate-academy.html?L=1>

## Colloquia

	HEPP Colloquim	at DPG 2018	<a href="http://www.ipp.mpg.de/hepp/colloquium">http://www.ipp.mpg.de/hepp/colloquium</a>
Greifswald	University Physics Colloquium	Th. 17:00 - 19:00	<a href="http://physik.uni-greifswald.de/kolloquium">http://physik.uni-greifswald.de/kolloquium</a>
Garching	University Physics Colloquium	Mo. 17:00 - 19:00	<a href="http://www.physik.uni-muenchen.de/aus_der_fakultaet/kolloquien/physik_kolloquium/index.html">http://www.physik.uni-muenchen.de/aus_der_fakultaet/kolloquien/physik_kolloquium/index.html</a>
Garching - Greifswald	IPP Colloquium	Fr. 10:30 - 11:30	<a href="http://www.ipp.mpg.de/4033069/ipp-koll">http://www.ipp.mpg.de/4033069/ipp-koll</a>

## HEPP Seminar – Monday, 4:00 - 5:00 pm

Garching (location: <i>lecture hall D2</i> unless stated otherwise)			Greifswald (location: <i>seminar room 2</i> unless stated otherwise)	
Date	Speaker	Title	Speaker	Title
14.10.19	K. Stimmel PhD representatives	Gyrokinetic investigation of the ASDEX Upgrade I-mode pedestal with GENE (20') PhD networks, representatives activities	PhD representatives	PhD networks, representatives activities
28.10.19	T. Luda di Cortemiglia C. Schuster F. Holderied	Integrated modelling of tokamak plasma confinement (20') Transport in the edge region of tokamaks (10') Hybrid kinetic fluid simulations using structure-preserving numerical methods (10')	---	---
11.11.19	F. Vannini F. Merk	Gyrokinetic investigations of Alfvén modes in ASDEX Upgrade (20') Measurement of atomic hydrogen density in negative ion sources by TALIF (10')	K. Camacho Mata	Optimization of large aspect ratio stellarators (10')
25.11.19	O. Samoylov F. Wieschollek	Investigation of MHD modes using ECEI diagnostics on ASDEX Upgrade (10') Towards MHD simulations of natural and mitigated disruptions in ASDEX Upgrade (10')	J. Schilling	Dynamics of high-performance discharges in Wendelstein 7-X (20')
02.12.19	T. Body K. Höfler	Progress towards fluid-turbulence simulations of advanced divertor concepts in GRILLIX (20') Towards scale-resolved multi-field experimental investigation of turbulence for the validation of gyrokinetic simulations (20')	---	---
09.12.19	N. de Oliveira	Geometry and kinetics of astrophysical plasmas: A gyrokinetic approach (20')	M. Singer B. Jagielski	The Positron Accumulation eXperiment (PAX) (10') tba (10')
13.01.20	G. Starnella D. Zielke	The beam-driven plasma neutralizer and the Energy Recovery System (20') Simulation of inductive RF-coupling for optimizing powerful NBI ion sources (20')	---	--- <i>room: Günter Grieger lecture hall</i>
27.01.20	A. Mustonen	Hybrid kinetic/gyrokinetic simulations of fusion plasmas (10')	A. Hallenbert A. Merlo	Predicting the Dimits shift through reduced tertiary instability analysis (20') tba (10')

10.02.20	K. Kremer A. Lier	In situ studies of deuterium uptake, retention in, and release from tungsten (10') Wave-alpha-particle interactions in a post-disruptive ITER scenario (10')	J. P. Koschinsky	SciFi - results of the scintillating fiber neutron detector in AUG deuterium plasmas and prospects of a future W7-X application (20') <i>room: Günter Grieger lecture hall</i>
tba	round table			