

## **HEPP Seminar dates for Summer Term 2022**

8.4.2022

- (I): Introductory talks 10'+5'  
(P): Progress talks 20'+10'

### **25<sup>th</sup> of April, start 4pm**

- (I) Alberto Castillo, Experimental investigation of velocities and diameters of droplets generated by arcing  
(I) Robert Lürbke, tba  
(P) Annemarie Kärcher, tba

### **2<sup>nd</sup> of May, start 4pm**

- (I) Marion Smedberg, 3D generalization of the gyrokinetic turbulence code GENE-X  
(I) Gabriele Partisotti, tba  
(P) Brando Rettino, tba

### **9<sup>th</sup> of May, start 4pm**

- (I) Thilo Romba, Helium exhaust and impurity transport in W7-X  
(I) Linda Podavini, Gyrokinetic Instabilities and Turbulence in Stellarators  
(P) Katia Camacho, tba

### **16<sup>th</sup> of May, start 4pm**

- (I) Kaiju Zhang, Comprehensive GRILLIX simulations for the edge turbulence  
(I) Markus Wappl, Stellarator-reactor confinement studies based on W7-X results and first principle transport modelling  
(P) Philipp Ulbl, Collisions in the Gyrokinetic Turbulence Code GENE-X

### **23<sup>th</sup> of May, start 4pm**

- (I) David Kulla, tba  
(I) Richard Bergmayr, Molecular Collisional Radiative Models for Low-Temperature and Fusion Plasmas  
(P) Michal Kuczynski, PIC simulations of self-consistent neoclassical electric field

### **30<sup>th</sup> of May, start 4pm**

- (I) Sreenivasa Thatikonda, tba  
(I) Daniel Fajardo, Integrated modelling of impurity seeded scenarios  
(P) Yehor Yudin, Uncertainty Quantification with Surrogate Modeling for Multiscale Turbulent Transport Simulations

### **6<sup>th</sup> of June, no seminar, Pfingstmontag**

### **13<sup>th</sup> of June, start 4pm**

PSI

### **20<sup>st</sup> of June, start 4pm**

- (I) Timo Thun, tba  
(I) Antara Menzel-Barbara, Engineering tool for the robust optimization of position and shape of divertor modules for W7-X  
(P) Max Lindqvist, tba

**27<sup>th</sup> of June, start 4pm**

EPS 2021 – no HEPP talks

**4<sup>th</sup> of July, start 4pm**

(I) Dario Cipciar, Perpendicular energy and particle transport in the island divertor SOL of W7-X

(I) Oestringer, Philipp, tba

(P) Raphael Schramm, model based optimization of advanced tokamak plasma start-ups

**11<sup>th</sup> of July, start 4pm**

(P) Sebastian Bannmann, Beam emission spectroscopy in neutral beam heated plasmas at W7-X

(P) Pechstein, Gregor, tba

**Possible further dates**

**18<sup>th</sup> of July, start 4pm**

**25<sup>th</sup> of July, start 4pm**