Program

Wednesday, September 9, 2015

17:00 – 21:00	Registration	
From 18:30	*DINNER / Informal get together*	

Thursday, September 10, 2015

07:30	*BREAKFAST*	
08:30 – 08:35	Yunfeng Liang	**Welcome and remarks**
08:35 – 09:10	Katsumi Ida	**Physics of magnetic reconnection, magnetic island and stochasticity in fusion plasmas**
09:10 – 09:45	Joachim Geiger	**Plasma equilibrium and confinement with magnetic islands and stochastic magnetic layers**
09:45 – 10:10	Yasuhiro Suzuki	**Impact of the radial electric field profile to the magnetic topology and comparisons with models of the edge transport in the Large Helical Device**
10:10 – 10:40	*COFFEE BREAK*	
10:40 – 11:15	Gergely Papp	**The effect of stochastic fields on runaway electrons**
11:15 – 11:40	Long Zeng	**On runaway electron losses caused by external magnetic perturbations in tokamak disruptions**
11:40 – 12:05	Jonathan Faustin	**ICRH induced particle losses in Wendelstein 7-X**
12:05 – 12:15	**Conference Photo** (in front of the Lecture Hall)	
12:20	*LUNCH*	

Program

Thursday, September 10, 2015

14:00 – 14:35	Thomas Sunn Pedersen	**Transport and exhaust in island divertors**
14:35 – 15:10	Masahiro Kobayashi	**Transport and exhaust in helical divertors**
15:10 – 15:45	Joon-Wook Ahn	**Effect of 3D fields on heat and particle transport in tokamak divertors**
15:45 – 16:15	*COFFEE BREAK*	
16:15 – 16:50	Yuhe Feng	**Modeling of 3D edge transport and plasma-wall interactions**
16:50 – 17:25	Marcin Jakubowski	**Experimental understanding of interplay between magnetic topology and plasma-wall interactions**
17:25 – 17:50	Michael Rack	**A first fluid–kinetic hybrid approach to He-plasmas at Wendelstein 7-X**
17:50 – 18:25	Howard Wilson	**Theory of kinetic plasma response to magnetic islands**
18:30 – 20:00	*HERAEUS DINNER*	
	(cold & warm buffet, free beverages)	

Program

Friday, September 11, 2015

07:30	*BREAKFAST*	
08:30 – 09:05	Baonian Wan	**Challenges of long-pulse steady-state high performance operation on EAST**
09:05 – 09:40	Richard Moyer	**Islands, Stochasticity, or Turbulence?**
09:40 – 10:15	Dirk Reiser	**Turbulence in open systems with long-connection-length field lines**
10:15 – 10:45	*COFFEE BREAK*	
10:45 – 11:10	Saskia Mordijck	**Effect of 3D fields on turbulence and transport in DIII-D**
11:10 – 11:45	Hans-Werner Mueller	**Influence of RMPs on the edge transport**
11:45 – 12:10	Yueqiang Liu	**MARS-F/K/Q modelling of the plasma response to 3D fields**
12:10 – 12:45	Linming Shao	**The effect of carbon and full tungsten wall on edge density profiles in ASDEX Upgrade**
12:45	*LUNCH*	
14:00 – 14:35	Susanna Cappello	**Chaos healing and transport barrier formation in reversed-field pinch plasmas, achievements and open issues**
14:35 – 15:10	Piero Martin	**Active control of magnetic topology in RFX-mod: lessons learned for the RFP, the tokamak and the stellarator**
15:10 – 15:40	*COFFEE BREAK*	
15:40 – 16:15	Ian Chapman	**Nonaxisymmetry in tokamak plasmas and its effect on ELMs**
16:15 – 16:40	Youwen Sun	**Recent progress of RMP studies on EAST**
16:40 – 18:40	**Poster session**	
18:40 – 20:00	*DINNER*	

Program

Saturday, September 12, 2015

07:30	*BREAKFAST*	
08:30 – 09:05	Jiangang Li	**Progresses and Activities on the Chinese Fusion Engineering Test Reactor**
09:05 – 09:40	Peter Denner	**Experimental understanding of the plasma response to applied non-axisymmetric magnetic perturbations in tokamaks**
09:40 – 10:15	Marina Becoulet	**Modelling of Edge Localized Modes and plasma response to applied non-axisymmetric magnetic perturbations in tokamaks**
10:15 – 10:40	Pavel Cahyna	**Magnetic perturbation experiments on the COMPASS tokamak**
10:40 – 11:10	*COFFEE BREAK*	
11:10 – 11:35	Francois Orain	**Non-linear modeling of the plasma response to RMPs in ASDEX Upgrade: towards quantitave predictions for the ELM mitigation with JOREK**
11:35 – 12:10	Karl-Heinz Spatschek	**Summary of advantages and disadvantages of Stochasticity in fusion plasmas**
12:10 – 12:45	All	**Discussion**
12:45	*LUNCH*	

End of the seminar *and FAREWELL COFFEE* ***/ Departure***

NO DINNER for participants leaving on Sunday morning