

**15TH WORKSHOP ON MHD STABILITY CONTROL:
"US-Japan Workshop on 3D Magnetic Field Effects in MHD Control"**

List of participants as of October 25, 2010

Last Name	First Name	Affiliation	Country	Talk
1 Berkery	Jack	Columbia	USA	Comparison of Resistive Wall Mode Theory and Experiment
2 Boozer	Allen	Columbia	USA	Enhanced stability of neoclassical tearing modes from external magnetic perturbations
3 Buttery	Richard	GA San Diego	USA	Error Field Thresholds in H-mode Plasmas
4 Callen	James	UW-Madison	USA	Effects of 3D Magnetic Perturbations on Toroidal Plasmas
5 Chapman	Brett	UW-Madison	USA	Helical structures and improved confinement in the MST RFP
6 Cole	Andrew	UW-Madison	USA	Neoclassical Toroidal Viscosity - Progress, Puzzles and Challenges
7 Cooper	W. Anthony	CRPP/EPFL	Switzerland	MHD Equilibrium and Stability of Tokamaks and RFP Systems with 3D Helical Cores
8 Drake	James	KTH	Sweden	
9 Felici	Federico	CRPP/EPFL	Switzerland	Real-time control of tearing modes and current density profile on TCV
10 Finn	John M.	LANL	USA	Optimization Studies for Pulsed Poloidal Current Drive
11 Frassinetti	Lorenzo	KTH	Sweden	Plasma braking due to resonant magnetic perturbations in EXTRAP T2R
12 Hanson	Jeremy	Columbia/ORISE	USA	Feedback control of resistive wall mode stability using neutral beam injection heating
13 Hegna	Chris	UW-Madison	USA	3-D Ballooning Stability with RMP
14 In	Yongkyoon	FAR-TECH, Inc.	USA	Magnetic feedback strategy near no-wall stability limit
15 Izzo	Valerie	UCSD	USA	Highlights from theory and modeling of tokamak disruptions
16 Jenkins	Tom	Tech-X	USA	
17 La Haye	Robert	GA San Diego	USA	Modification of Sawteeth by Applied $m/n=1/1$ Fields Revisited
18 Lanctot	Matthew	LLNL	USA	Ideal MHD and Kinetic Effects on 3D tokamak equilibria
19 Mao	Shifan	UW-Madison	USA	Statistical Survey of Mode Locking at DIII-D
20 Masamune	Sadao	Kyoto Inst. Techn.	Japan	3D Self-organization in RFPs with connections to stellarator MHD
21 Maurer	David	Columbia	USA	New HBT-EP Multimode MHD Control System and Future Experimental Plans
22 Menard	Jonathan	PPPL	UA	Role of plasma edge in global stability and control
23 Mirnov	Sergey	TRINITI	Russia	Disruption Mitigation by Injection of Massive Be and Li Pellets
24 Nakajima	Noriyoshi	NIFS	Japan	MHD equilibrium with a chaotic magnetic field
25 Navratil	Gerald	Columbia	USA	
26 Okabayashi	Michio	PPPL	USA	The off-axis fishbone-driven RWM
27 Olofsson	Erik	KTH	Sweden	MIMO system identification of external plasma response for EXTRAP T2R
28 Onchi	Takumi	U. Saskatchewan	Canada	
29 Paz-Soldan	Carlos	UW-Madison	USA	Stabilization of the line-tied resistive wall mode by a rotating conducting wall
30 Piovesan	Paolo	IGI Padova	Italy	3D flows in helical RFP equilibria

31	Piras	Francesco	CRPP/EPFL	Switzerland	"Snowflake" H mode in Tokamak Plasmas
32	Piron	Lidia	IGI Padova	Italy	Magnetic feedback optimization by including the dynamic response of the wall in RFX-mod and DIII-D Control of ideal and resistive magnetohydrodynamic modes in reversed field pinches with a resistive wall
33	Richardson	Andrew "Steve"	LANL	USA	
34	Sabbagh	Steve	Columbia	USA	
35	Sanpei	Akio	Kyoto Inst. Techn.	Japan	Initial results from 3-D MHD simulation studies for low-A RFP
36	Sarff	John	UW-Madison	USA	
37	Schmitt	John	UW-Madison	USA	Measurement, Reconstruction and Modeling of Equilibrium Currents in the HSX Stellarator
38	Schmitz	Oliver	FZ Juelich	Germany	ELM Control by RMPs
39	Strait	Edward	GA San Diego	USA	Update on ITPA activities
40	Sun	Youwen	FZ Juelich	Germany	Modeling of the Neoclassical Toroidal Plasma Viscosity in Tokamaks
41	Svidzinski	Vladimir	FAR-TECH, Inc.	USA	Edge parallel current drive in Tokamaks as a tool to stabilize plasma boundary
42	Takechi	Manabu	JAEA	Japan	RWM control on JT-60SA
43	Theiler	Christian	CRPP/EPFL	Switzerland	
44	Turnbull	Alan	GA San Diego	USA	On the Relation Between 3-D Equilibrium and Stability
45	Volpe	Francesco	UW-Madison	USA	Stabilization of Disruptive Locked Modes by Magnetic Perturbations and ECCD Magnetic Barriers and their possible role in ELM control by resonant magnetic perturbations at DIII-D (on behalf of J. Kessler)
46	Waelbroeck	François	U.Texas Austin	USA	RMP-driven transport in the pedestal
47	Watanabe	Kiyomasa	NIFS	Japan	LHD Experiments relevant to Tokamak Control
48	Wesley	John	GA San Diego	USA	Disruption Mitigation Challenges for ITER and Beyond
Remote participants:					
49	Garofalo	Andrea	GA San Diego	USA	NTV, low torque plasmas and QH mode
50	Lazzaro	Enzo	IFP-CNR Milan	Italy	New aspects of the identification of magnetic islands from ECE signals and control by ECCD