
13th ITPA Confinement Data Base and Modelling Topical Group Meeting

JAEA Naka, Japan, 1-3 Oct 2007
4th Draft agenda

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AGENDA - Monday, 1 October

08:30-9:00	Joint Introductory Session (ITER Conference Room) <i>Y. Kamada</i>	
:10	Welcome <i>M. Kikuchi</i>	
:05	Introduction <i>Y. Kamada</i>	
:05	CDBM meeting introduction <i>W. Houlberg</i>	
:05	TP meeting introduction <i>E. Doyle</i>	
:05	PEP meeting introduction <i>Y. Kamada</i>	
09:00-10:30	Joint PEP/TP/CDBM Session on Momentum Transport, Rotation Control and Related ITER Issues (ITER Conference Room) <i>Y. Kamada</i>	
:10	Introduction: Discussion of needs for ITER <i>Y. Kamada</i>	
:20	Relations among diffusive and non-diffusive terms of momentum transport and heat diffusivity in JT-60U <i>M. Yoshida</i>	
:20	Database on plasma rotation and momentum transport at JET <i>P. de Vries</i>	
:20	Steady-state and perturbative momentum transport studies on NSTX <i>S. Kaye</i>	
:20	Sensitivity of L-H power threshold to rotation in DIII-D <i>P. Gohil</i>	
10:30-10:45	Coffee Break	
10:45-12:40	Joint PEP/TP/CDBM Session continued (ITER Conference Room) <i>Y. Kamada</i>	
:20	Rotation effects on pedestal & H-mode in JT-60U <i>H. Urano</i>	
:15	Multi-machine scaling of intrinsic rotation (update) <i>J. Rice</i>	
:20	Recent progress in momentum transport theory <i>T-S. Hahm</i>	
:10	ITER rotation issues <i>V. Mukhovatov</i>	
:20	Rotation prediction for ITER <i>Y. Sakamoto</i>	
:30	Discussion	
12:40-13:30	Lunch (JAEA cafeteria)	
13:30-15:30	CDBM Joint Experiments (Large Conference Room) <i>D. McDonald</i>	
	CDB-2: Confinement scaling in ELMy H-modes - beta degradation <i>J. DeBoo (C.C. Petty)</i> CDB-4: Confinement scaling in ELMy H-modes - ν^* scans at fixed n/n_G <i>D. McDonald (J. Snipes)</i> CDB-6: Improving the condition of Global DBs: Low A <i>S. Kaye</i> CDB-8: ρ^* scaling along an ITER relevant path at both high and low beta <i>D. McDonald</i> CDB-9: Density profiles at low collisionality <i>W. Houlberg or C. Giroud (H. Weisen)</i> CDB-10: L-H threshold power at low density <i>Y. Martin</i> Discuss reports for 2007, proposals for 2008	
15:30-15:45	Coffee Break	
15:45-17:30	Global Conf WG: H-mode DB (Room 215) <i>K.</i>	Joint Modelling WG/TP TG: PDB and NF paper

	<i>Thomsen</i>	<i>(Large Conference Room) F. Imbeaux</i>
	Status of H-mode Confinement DB <i>K. Thomsen</i> Comparative study of confinement in ELMy H-mode and advanced scenarios on JET <i>D. McDonald</i> Results Of 2007 DIII-D Campaign on hybrids <i>J. DeBoo</i> Reports of data submissions, analyses, discussion of ripple effects, ...	Status of PDB and NF paper <i>F. Imbeaux (C. Roach)</i> Proposal for IAEA paper <i>F. Imbeaux (J. Kinsey)</i> Discussion
17:30	Adjourn	
18:30-20:30	Reception at Akogi Club	
20:30	Bus to hotel	

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Tuesday, 2 October

09:00-10:20	Global Conf WG: L-H Power Threshold DB (Room 215) <i>Y. Martin</i>	Joint PEP/CDBM Modelling WG - Pedestal Modelling and ITER Predictions (ITER Conference Room) <i>W. Houlberg</i>
	Status of the H-mode Power Threshold DB <i>Y. Martin</i> Scaling of the L-H Transition at Low Density in C-Mod <i>A. Hubbard (J. Snipes)</i> Validation of DIII-D H_{98y2} factor in Power Threshold Database <i>J. Deboo (G. Wang)</i> Address Mukhovatov questions on ITER guidelines Reports of data submissions, analyses, discussion of IAEA H-mode Meeting paper, etc	Coupling of edge physics codes in the CPES Project <i>G. Bateman</i> Prediction of ITER pedestal height, and understanding pedestal power dependence <i>P. Snyder</i> Discussion
10:20-10:40	Coffee Break	
10:40-12:00	Global Conf WG: L-H Power Threshold DB - cont (Room 215) <i>Y. Martin</i>	IMAGE WG (Large Conference Room) <i>P. Strand</i>
	Continue discussion from previous session	Report on ITER Integrated Modelling Workshop <i>W. Houlberg</i> Status of BPSI activity in Japan <i>M. Yagi</i> Status of integrated modelling activity in RF <i>S. Konovalov</i>
12:00-13:00	Lunch (JAEA cafeteria)	
13:00-15:15	Global Conf WG: L-mode DB (Room 215) <i>F. Imbeaux</i>	IMAGE WG (Large Conference Room) <i>P. Strand</i>
	Status of the L-mode DB <i>F. Imbeaux</i> Analyses, discussion guidelines for ITER L-mode operation, particularly in the H phase	Fusion Simulation Workshop Report <i>G. Bateman</i> Progress and status of the European Task Force Integrated Tokamak Modelling <i>P. Strand</i> PTRANSP plans and progress <i>G. Bateman</i> Discussion
15:15-15:30	Coffee Break	
15:30-17:50	Joint Global Conf WG/PEP: H-mode and pedestal database/scaling/modeling session (Large Conference Room) <i>Y. Martin</i>	Particle Transport WG (Joint TP TG + Modelling WG) (Room 215) <i>C. Giroud</i>
	Status of the H-mode confinement database <i>K. Thomsen</i> Pedestal scalings update <i>A. Leonard</i> H-Mode pedestal modeling, scaling <i>J. Callen</i> Status of the H-mode threshold database <i>Y. Martin</i> ITER needs for power threshold to achieve good H-mode <i>R. Sartori (remote)</i> Discussion	Density peaking in NSTX <i>S. Kaye</i> Studies of impurity transport at JET <i>C. Giroud</i> Impurity transport in JT-60U <i>H. Takenaga</i> Particle confinement in pellet fuelled plasmas in MAST <i>M. Valovic</i> GYRO simulations of C-Mod plasmas with peaked density profiles <i>D. Mikkelsen</i> Discussion of guidelines for ITER density peaking and impact on impurity profiles
17:50	Adjourn	

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09:00-10:20	Joint CDBM/TP Session on Beta Scaling (Large Conference Room) <i>D. McDonald</i>
	Beta scaling <i>S. Kaye</i> Pedestal aspects of AUG/DIII-D experiments on beta scaling in improved confinement regimes <i>R. Groebner</i> Core aspects of recent DIII-D/AUG beta scaling experiments <i>E. Doyle</i> Update on JET beta scaling <i>D. McDonald</i> Theoretical aspects of beta scaling of confinement <i>P. Snyder</i> Discussion
10:20-10:40	Coffee Break
10:40-12:30	Joint PEP, TP, CDBM (Room ?) <i>Chair?</i>
	The influence of tearing modes on ITG mode stability <i>H. Wilson</i> Simulations of rotation in ITER <i>R. Budny</i> Discussion of ITER NBI needs
12:30-13:30	Lunch (JAEA Cafeteria)
13:30-15:15	ITER Modeling (Large Conference Room) <i>V. Parail</i>
	POPCON Modelling of ITER Scenarios <i>D. McDonald</i> ITER scenario modeling under the ITM <i>V. Parail</i> TOPICS simulation for ITER sensitivity study 2.2 <i>N. Hayashi</i> Modelling and DB coordination in ITPA nder ITER <i>W. Houlberg</i> Spring meeting Discussion
15:15-15:30	Coffee Break
	Closing Session (Large Conference Room) <i>W. Houlberg</i>
	Joint experiments <i>D. McDonald</i> L-H Transition Threshold DB <i>Y. Martin</i> H-mode DB <i>K. Thomsen</i> L-mode DB <i>F. Imbeaux</i> Profile DB <i>F. Imbeaux</i> Modelling WG <i>A. Kritz</i> IMAGE WG <i>P. Strand</i> Particle Transport WG <i>C. Giroud</i> Wrapup - Future meetings, ..., <i>W. Houlberg</i>
17:30	Adjourn

Video Conference Details

TBD

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This page is maintained by: Knud Thomsen