

Provisional Programme for the 23rd IAEA Fusion Energy Conference

Overview oral sessions

Day Date	Sunday 10 October 2010	Monday 11 October 2010	Tuesday 12 October 2010	Wednesday 13 October 2010	Thursday 14 October 2010	Friday 15 October 2010	Saturday 16 October 2010
08:30 - 10:15		09:00 - Opening Fusion Pioneers Memorial Session FPM <i>(Chair: Yoshikawa, M., Japan)</i>	Overview Magnetic Fusion OV/3 <i>(Chair: Sen, A., India)</i>	Overview Magnetic & Inertial Fusion OV/5 <i>(Chair: Azizov, E., Russian Federation)</i>	Inertial Fusion IFE/1 <i>(Chair: Matzen, K., USA)</i>	Turbulent Transport - Zonal Flows & GAMs EX/7 - TH/6 <i>(Chair: Komori, A., Japan)</i>	Transport Barriers & Non-Local Transport EX/9 - TH/8 <i>(Chair: Li, J., China)</i>
Coffee Break							
10:45 - 12:30	IFRC Meeting	Overview Magnetic Fusion OV/1 <i>(Chair: Porkolab, M., USA)</i>	Scenarios EX/1 <i>(Chair: Ninomiya, H., Japan)</i>	Momentum Transport EX/3 <i>(Chair: Prager, S., USA)</i>	Turbulent Transport TH/3 <i>(Chair: Cowley, S., United Kingdom)</i>	Pedestal Stability & Control EX/8 - TH/7 <i>(Chair: Hwang, Y., Rep. Korea)</i>	Core MHD & Disruption EX/10 - TH/9 <i>(Chair: Escande, D., France)</i>
Lunch							
14:00 - 16:10	IFRC Meeting	Overview Magnetic & Inertial Fusion OV/2 <i>(Chair: Lee, G.S., Rep. Korea)</i>	Overview Magnetic & Inertial Fusion OV/4 <i>(Chair: Paméla, J., France)</i>	Waves & Energetic Particles EX/4 - TH/2 <i>(Chair: Guenter, S., Germany)</i>	3D Equilibrium & High Beta Physics TH/4 - EX/5 <i>(Chair: Galvão, R., Brazil)</i>	Fusion Development Devices - PD FTP/2 - PD <i>(Chair: Gasparotto, M., EU)</i>	NF Ceremony SUMMARY S/1 <i>(Chair: Motojima, O., Japan)</i>
Coffee Break							
16:40 - 18:45	IFRC Meeting Registration (16:30 - 19:30)	ITER ITR/1 <i>(Chair: Bora, D., ITER)</i>	ELMs & Pedestal Structure EX/2 - TH/1 <i>(Chair: Wade, M., USA)</i>	ITER, Fusion Technology & Safety ITR/2 - FTP/1 - SEE/1 <i>(Chair: Liu, Y., China)</i>	Plasma-Wall Interactions TH/5 - EX/6 <i>(Chair: Mirnov, S., Russian Federation)</i>	Materials & Fuel Cycle FTP/3 <i>(Chair: Tazhibayeva, I., Kazakhstan)</i>	SUMMARY (cont.) S/2 CLOSING <i>(Chair: Porkolab, M., USA)</i> (IAEA)
Break							
Welcome Reception			Excursion		Gala Dinner		

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Overview poster sessions

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08:30 - 10:15			P1 ITER Fusion Technology 1	P3 ELMs & Pedestal Plasma-Wall Interactions	P5 3D Equilibrium Stability	P7, PD Waves Energetic Particles	
Coffee Break				Coffee Break			
10:45 - 12:30	IFRC		P1	P3	P5	P7, PD	
Lunch				Lunch			
14:00 - 16:10	IFRC	OV/P Overview (all)*	P2 Scenarios Core MHD Disruption Control	P4 Momentum & Turbulent Transport Transport barriers	P6 IFE, FTP/2	P8 Turbulence Zonal Flows GAMs	
Coffee Break				Coffee Break			
16:40 - 18:45	IFRC Registration	OV/P Overview (all)*	P2	P4	P6	P8	
Break				Break			
Welcome Dinner			Excursion		Banquet		

*Overview posters must be displayed during the whole week up to Friday

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11-Oct-10

<i>Opening - Welcome & Fusion Pioneers Memorial</i> 09:00 - 10:35	Opening performance	Performance Group	Republic of Korea	Sand Performance
	O/1	Lee, G.S.	Republic of Korea	FEC 2010 theme film
	O/2	Burkart, W. Host	IAEA Republic of Korea	
	O/3	Government Representatives Honorary Host	Republic of Korea	
	FPM/1	Country Representative K. Razumova (30')	Russian Federation	Another look at tokamak plasma physics

Coffee Break

<i>OV/1 - Overview Magnetic Fusion</i> 10:45 - 12:30 4x25'	OV/1-1	Kwon, M.	Rep. of Korea	Overview of KSTAR Initial Experiments
	OV/1-2	Wan, B.N.	P.R. of China	Recent Progress in High Power Heating and Long Pulse Experiments on EAST
	OV/1-3	Romanelli, F.	European Union	Overview of JET Results
	OV/1-4	Greenfield, C.M.	USA	DIII-D Contributions Toward the Scientific Basis For Sustained Burning Plasmas

Lunch Break

<i>OV/2 - Overview Inertial & Magnetic Fusion</i> 14:00 - 16:10 5x25'	OV/2-1	Lindl, J. D.	USA	Progress toward ignition on the National Ignition Facility
	OV/2-2	Motojima, O.	ITER	Progress in ITER Construction
	OV/2-3	Isayama, A.	Japan	Overview of JT-60U Results Toward the Resolution of Key Physics and Engineering Issues in ITER and JT-60SA
	OV/2-4	Raman, R.	USA	Overview of Physics Results from NSTX
	OV/2-5	Yamada, H.	Japan	Overview of Results from the Large Helical Device

Coffee Break

<i>ITR/1- ITER</i> 16:40 - 18:45 6x20'	ITR/1-1	Bak, J.S.	Rep. of Korea	Preparations of the ITER Vacuum Vessel Construction
	ITR/1-2	Wagner, F.	Germany	Optimizing the ITER Heating and Current Drive Mix
	ITR/1-3	Schaffer, M.J.	USA	ITER Test Blanket Module Error Field Simulation Experiments at DIII-D
	ITR/1-4	Loarte, A.	ITER	ITER ELM control requirements, ELM control schemes and required R&D
	ITR/1-5	Luce, T.C.	USA	Development of Advanced Inductive Scenarios for ITER
	ITR/1-6	Putvinski, S.	ITER	Disruption Mitigation in ITER

19:30
Welcome Dinner

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OV/3 - Overview Magnetic Fusion 08:30 - 10:15 4x25'	OV/3-1	Kallenbach, A.	Germany	Overview of ASDEX Upgrade results
	OV/3-2	Marmar, E. S.	USA	Overview of Recent Results from Alcator C-Mod including Applications to ITER Scenarios
	OV/3-3	Lloyd, B.	United Kingdom	Overview of Physics Results from MAST
	OV/3-4	Saoutic, B.	France	Contribution of Tore Supra in preparation of ITER

Coffee Break

EX/1- Scenarios 10:45 - 12:30 5x20'	EXC/1-1	Joffrin, E.H.	France	High confinement hybrid scenario in JET and its significance for ITER
	EXS/1-2	Garofalo, A.M.	USA	Advances Toward QH-mode Viability for ELM-Free Operation in ITER
	EXC/1-3	Whyte, D.G.	USA	I-mode: An H-mode energy confinement regime with L-mode particle confinement on Alcator C-Mod
	EXC/1-4	Mailloux, J.	United Kingdom	Towards a Steady-State Scenario with ITER Dimensionless Parameters in JET
	EXC/1-5	Morisaki, T.	Japan	Progress of Superdense Plasma Research in LHD: Sustainment and Transport Study

Lunch Break

OV/4 - Overview Inertial & Magnetic Fusion 14:00 - 16:10 5x25'	OV/4-1	Azechi, H.	Japan	From Fast Ignition Realization Experiments (FIREX) to Electric Power Generation (LIFT)
	OV/4-2	Tuccillo, A. A.	Italy	Overview of FTU Results
	OV/4-3	Callen, J.	USA	Effect of 3D Magnetic Perturbations on Toroidal Plasmas
	OV/4-4	Sánchez, J.	Spain	Overview of TJ-II Experiments
	OV/4-5	Yan, Longwen	P.R. of China	Overview of Experimental Results on the HL-2A Tokamak

Coffee Break

TH/1 & EX/2 - ELMs & Pedestal Structure 16:40 - 18:45 6x20'	THS/1-1	Snyder, P.	USA	A First Principles Predictive Model of the Pedestal Height and Width: Development, Testing, and ITER Optimization with the
	EXC/2-1	Osborne, T.H.	USA	Scaling of H-mode Pedestal and ELM Characteristics in the JET and DIII-D Tokamaks
	EXD/2-2	Maingi, R.	USA	Modification of Edge Profiles, Edge Transport, and ELM Stability with Lithium in NSTX
	EXC/2-3Ra	<u>Meyer, H.</u>	United Kingdom	L/H transition and pedestal studies on MAST
	EXC/2-3Rb	Kaye, S.M.	USA	L-H Threshold Studies in NSTX
	EXC/2-4Ra	<u>Gohil, P.</u>	USA	L-H Transition Studies on DIII-D to Determine H-mode Access for Non-Nuclear Operational Scenarios in ITER
	EXC/2-4Rb	McDonald, D.C.	United Kingdom	JET Helium-4 ELMy H-mode studies
	EXC/2-5Ra	<u>Hirsch, M.</u>	Germany	H-mode in Helical Devices
EXC/2-5Rb	Bosch, H.-S.	Germany	Overview of the construction and scientific objectives of the Wendelstein 7-X stellarator	

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OV/5 - Overview Inertial & Magnetic Fusion 08:30 - 10:15 4x25'	OV/5-1	Jacquemot, S.	France	Studying Ignition Schemes on European Laser Facilities
	OV/5-2	Coda, S.	Switzerland	Progress and Scientific Results in the TCV Tokamak
	OV/5-3Ra	<u>Martin, P.</u>	Italy	Overview of the RFX Fusion Science Program
	OV/5-3Rb	Sarff, J.S.	USA	Overview of Results in the MST Reversed Field Pinch Experiment
	OV/5-4	Peeters, A.G.	United Kingdom	Toroidal Momentum Transport.

Coffee Break

EX/3 - Momentum Transport 10:45 - 12:30 5x20'	EXC/3-1	Tala, T.	Finland	JET Rotation Experiments towards the Capability to Predict the Toroidal Rotation Profile
	EXC/3-2	Yoshida, M.	Japan	Core and edge toroidal rotation study in JT-60U
	EXC/3-3	Rice, J. E.	USA	Progress towards a physics based phenomenology of intrinsic rotation in H-mode and I-mode
	EXC/3-4	Fenzi, C.	France	On Plasma Rotation with Toroidal Magnetic Field Ripple and No External Momentum Input
	EXC/3-5	Solomon, W.M.	USA	Characterization of the Effective Torque Profile Associated with Driving Intrinsic Rotation on DIII-D

Lunch Break

EX/4 & TH/2 - Waves and & Energetic Particles 14:00 - 16:10 6x20'	EXW/4-1	Lin, Y.	USA	ICRF Mode Conversion Flow Drive on Alcator C-Mod
	THW/2-1	Gusakov, E.Z.	Russian Federation	Low Threshold Parametric Decay Instabilities in Tokamak ECRH Experiments
	THW/2-2Ra	<u>Lauber, Ph.</u>	Germany	Damping, Drive and Non-linear Effects of Kinetic Low-frequency Modes in Tokamaks
	THW/2-2Rb	Fu, G.Y.	USA	Simulations of Energetic Particle-driven Instabilities with Source and Sink
	EXW/4-2	Pace, D.C.	USA	Transport of Energetic Ions Due to Microturbulence, Sawteeth, and Alfvén Eigenmodes
	THW/2-3Ra	<u>Todo, Y.</u>	Japan	Simulation Study of Nonlinear Magnetohydrodynamic Effects on Alfvén Eigenmode Evolution and Zonal Flow Generation
	EXW/4-3Rb	Ido, T.	Japan	Potential Fluctuation Associated with Energetic-Particle Induced Geodesic Acoustic Mode in Reversed Magnetic Shear Plasmas on LHD
	THW/2-4Ra	<u>Wang, X.</u>	China	Kinetic Thermal Ions Effects on Alfvénic Fluctuations in Tokamak Plasmas
	EXW/4-4Rb	Chen, W.	China	Destabilization of Beta-induced Alfvén Eigenmodes in the HL-2A Tokamak

Coffee Break

ITR/2 & FTP/1 & SEE/1 ITER, Fusion Technology, Safety, Environmental & Economics Aspects of Fusion 16:40 - 18:45 6x20'	ITR/2-1	Sborchia, C.	European Union	The ITER Magnet Systems: Progress on Construction
	ITR/2-2	Babineau, D.W.B.	ITER	Review of the ITER Fuel Cycle
	ITR/2-3	Merola, M.	ITER	Power Handling in ITER: Divertor and Blanket Design and R&D
	FTP/1-1Ra	<u>Kojima, A.</u>	Japan	Demonstration of 500 keV beam acceleration on JT-60 negative-ion-based neutral beam injector
	ITR/2-4Rb	Kashiwagi, M.	Japan	1 MV Holding and Beam Optics in a Multi-aperture Multi-grid Accelerator for ITER NBI
	FTP/1-2Ra	<u>Litvak, A.G.</u>	Russian Federation	Development in Russia of Megawatt Power Gyrotrons for Fusion
	ITR/2-5Rb	Sakamoto, K.	Japan	Development of high power gyrotrons and EC technologies for ITER
	ITR/2-5Rc	Gantenbein, G.	Germany	2.2 MW Operation of the European Coaxial-Cavity Pre-Prototype Gyrotron for ITER
	SEE/1-1Ra	<u>Goldston, R. J.</u>	USA	Fusion Energy and Climate Change
	SEE/1-1Rb	Muehlich, P.	Germany	The Potential Role for Fusion Power in Future Energy Markets
	SEE/1-1Rc	Yamazaki, K.	Japan	Environmental and Economic Assessments of Magnetic and Inertial Confinement Fusion Reactors

Excursion

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14-Oct-10

<i>IFE/1 - Inertial Fusion Energy</i> 08:30 - 10:15 5x20'	IFE/1-1	Meyerhöfer, D.D.	USA	High-performance ICF target implosions on OMEGA
	IFE/1-2	Shiraga, H.	Japan	Integrated experiments of Fast Ignition with Gekko-XII and LFEX lasers
	IFE/1-3	Moses, E.I.	USA	The Path to Inertial Fusion Energy
	IFE/1-4	Barty, C.P.J.	USA	Lasers for Inertial Fusion Energy
	IFE/1-5	Perlado, J.M.	Spain	Chamber Dynamics and Radiological Protection in HiPER IFE Project under Repetitive Operation

Coffee Break

<i>TH/3 - Turbulent Transport - Theory & Simulation</i> 10:45 - 12:30 5x20'	THC/3-1	Jenko, F.	Germany	Towards Multiscale Gyrokinetic Simulations of ITER-like Plasmas
	THC/3-2	Catto, P. J.	USA	Radial electric field evaluation and effects in the core and pedestal
	THC/3-3	Kinsey, J.E.	USA	ITER Predictions Using the GYRO Verified and Experimentally Validated TGLF Transport Model
	THC/3-4Ra	Kim, S.S.	Rep. of Korea	Hysteresis and Back Transitions in Internal and Edge Transport Barriers
	THC/3-4Rb	<u>Kwon, J.M.</u>	Rep. of Korea	Gyrokinetic and Gyrofluid Simulation Studies of Non-Diffusive Momentum Transport and Intrinsic Rotation
THC/3-5	Sarazin, Y.	France	Predictions on Heat Transport and Plasma Rotation from Global Gyrokinetic Simulations	

Lunch Break

<i>EX/5 & TH/4 3D Equilibrium & High-beta Physics</i> 14:00 - 16:10 6x20'	EXS/5-1	Yoon, S. W.	Rep. of Korea	Effect of Magnetic Materials on In-Vessel Magnetic Configuration in KSTAR
	EXS/5-2	Ida, K.	Japan	Evidence of Stochastic Region near a Rational Surface in Core Plasmas of LHD
	THS/4-1	Hegna, C.C.	USA	High-beta physics of magnetic islands in 3-D equilibria
	EXS/5-3	Matsunaga, G.	Japan	Interactions between MHD instabilities in the wall-stabilized high-beta plasmas
	EXS/5-4	Reimerdes, H.	USA	Non-ideal Modifications of 3D Equilibrium and Resistive Wall Mode Stability Models in DIII-D
EXS/5-5	Sabbagh, S.A.	USA	Resistive Wall Mode Stabilization and Plasma Rotation Damping Considerations for Maintaining High Beta Plasma Discharges in NSTX	

Coffee Break

<i>EX/6 & TH/5 Plasma-Wall Interactions</i> 16:40 - 18:45 6x20'	EXD/6-1	Coenen, J. W.	Germany	Analysis of Tungsten Melt Layer Motion and Splashing under Tokamak conditions at TEXTOR
	EXD/6-2	Dux, R.	Germany	Erosion and Confinement of Tungsten in ASDEX Upgrade
	EXC/6-3	Mazzitelli, G.	Italy	FTU results with the liquid lithium limiter
	EXD/6-4	Allen, S.L.	USA	Particle Control and Transport Experiments in the DIII-D Tokamak with Graphite Walls
	EXD/6-5Ra	<u>Kobayashi, M.</u>	Japan	Edge Impurity Transport Study in Stochastic Layer of LHD and Scrape-off Layer of HL-2A
	THD/5-1Rb	Feng, Y.	Germany	Comparison between Stellarator and Tokamak Divertor Transport
	THD/5-2Ra	<u>Shimizu, K.</u>	Japan	Self-consistent Integrated Modelling of Core and SOL/divertor Transport and Simulation Study on Transient Heat Load on Divertor Targets
EXD/6-6Rb	Thomsen, H.	Germany	Power load characterization for Type-I ELMy H-Modes in JET	

Banquet

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15-Oct-10

<p><i>EX/7 & TH/6 Turbulent Transport - Zonal Flows & GAMs</i> 08:30 - 10:15 5x20'</p>	EXC/7-1	Conway, G.D.	Germany	Behaviour of mean and oscillating ExB plasma flows and turbulence interactions during confinement mode transitions
	EXC/7-2	Rhodes, T.L.	USA	Multi-scale/Multi-field Turbulence Measurements to Rigorously Test Gyrokinetic Simulation Predictions on the DIII-D Tokamak
	EXC/7-3	Zhao, K.	P.R. of China	Experimental Study of Zonal Flow, Geodesic Acoustic Mode and Turbulence Regulation in Edge Plasmas of the HL-2A Tokamak
	THC/6-1	Watanabe, T.-H.	Japan	Isotope Effects on Zonal Flows and Turbulence in Helical Configurations with Equilibrium-Scale Radial Electric Fields
	EXC/7-4Ra	<u>Inagaki, S.</u>	Japan	Radial Structure of Fluctuation in Electron ITB Plasmas of LHD
	THC/6-2Rb	Sasaki, M.	Japan	Dynamics of low frequency zonal flow driven by geodesic acoustic modes

Coffee Break

<p><i>EX/8 & TH/7 Pedestal Stability & Control</i> 10:45 - 12:30 5x20'</p>	EXC/8-1	Canik, J.M.	USA	Optimization of Density and Radiated Power Evolution Control using Magnetic ELM Pace-making in NSTX
	EXD/8-2	Kirk, A.	United Kingdom	Magnetic perturbation experiments on MAST using internal coils
	EXS/8-3	Oyama, N.	Japan	Characteristics and control of Type I ELM in JT-60U
	EXC/8-4	De la Luna, E.	Spain	Effect of ELM mitigation on confinement and divertor heat loads on JET
	THS/7-1	Huysmans, G.T.A.	France	Non-linear MHD Simulations of Natural and Pellet Triggered ELMs

Lunch Break

<p><i>FTP/2 & PD Fusion Development Devices - Post-deadline Papers</i> 14:00 - 16:10 6x20'</p>	FTP/2-1	Barabaschi, P.	European Union	Engineering Design Evolution of the JT-60SA Project
	FTP/2-2	Menard, J.E.	USA	Prospects for pilot plants based on the tokamak, ST, and stellarator
	FTP/2-3Ra	<u>Peng, Y.K.M.</u>	USA	Fusion Nuclear Science Facility (FNSF) before Upgrade to Component Test Facility (CTF)
	FTP/2-3Rb	Chan, V.S.	USA	A Fusion Development Facility on the Critical Path to Fusion Energy
	FTP/2-4	Crisanti, F.C.	Italy	Scenario development for FAST in the view of ITER and DEMO
	PD-1 PD-2			

Coffee Break

<p><i>FTP/3 Materials & Fuel Cycle</i> 16:40 - 18:45 6x20'</p>	FTP/3-1	Garin, P.	France	IFMIF: Status of the Validation Activities and of the Engineering Design Activities
	FTP/3-2Ra	<u>Yamanishi, T.</u>	Japan	Recent Progress in Fusion Technologies under the BA DEMO-R&D in Phase1 in Japan
	FTP/3-2Rb	Ochiai, K.	Japan	Tritium Recovery Experiment from Li Ceramic Breeding Material Irradiated with DT Neutrons
	FTP/3-3Ra	<u>Rapp, J.</u>	Netherlands	Plasma-Facing Materials Research for Fusion Reactors at FOM Rijnhuizen
	FTP/3-3Rb	Koidan, V.S.	Russian Federation	Effects of Plasma Interaction with Radiation- Damaged Tungsten
	FTP/3-4Ra	<u>Chernov, V.M.</u>	Russian Federation	Heat-Resistant Ferritic-Martensitic Steel RUSFER-EK-181 (Fe-12Cr-2W-V-Ta-B) for Fusion Power Reactor
	FTP/3-4Rb	Gaganidze, E.	Germany	Low Cycle Fatigue Properties of Reduced Activation Ferritic-Martensitic Steels after High Dose Neutron Irradiation
	FTP/3-4Rc	Okubo, N.	Japan	Reduced activation Ferritic-Martensitic steel F82H for in-vessel components
	FTP/3-5Ra	<u>Feng, K.</u>	P.R. of China	Progress on Design and R&D of CN Solid Breeder TBM
	FTP/3-5Rb	Tanigawa, H.	Japan	Mock-up Fabrication and Component Tests for Water Cooled Ceramic Breeder Test Blanket Module
	FTP/3-6Ra	<u>Kugel, H. W.</u>	USA	NSTX Lithium Technologies and Their Impact on Boundary Control, Core Plasma Performance, and Operations
	FTP/3-6Rb	Lyublinski, I.E.	Russian Federation	Development and experimental study of lithium based plasma facing elements for fusion reactor application

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16-Oct-10

<i>EX/9 & TH/8 & ICC/1 Transport Barriers & Non-Local Transport</i> 08:30 - 10:15 5x20'	EXC/9-1	Yoshinuma, M.	Japan	Impurity transport of ion ITB plasmas on LHD
	EXC/9-2	Mantica, P.	Italy	A Key to Improved Ion Core Confinement in JET Tokamak: Ion Stiffness Mitigation due to Combined Plasma Rotation and Low Magnetic Shear
	THC/8-1	Singh, Raghvendra	India	Role of Flow Shear Layer and Edge Plasma Turbulence in Density Limit Physics
	EXC/9-3	Xu, Y.	Belgium	Long-Range Correlations and Edge Transport Bifurcation in Fusion Plasmas
	ICC/1-1Ra	<u>Garnier, D. T.</u>	USA	Turbulent Particle Pinch in Levitated Superconducting Dipole
	EXC/9-4Rb	Saitoh, H.	Japan	High-Beta Plasma Confinement and Inward Particle Diffusion in the Magnetospheric Device RT-1

Coffee Break

<i>EX/10 & TH/9 Core MHD & Disruption</i> 10:45 - 12:30 5x20'	EXS/10-1Ra	<u>Park, H.</u>	Republic of Korea	Comparative Study of Sawtooth Physics and Alfvén Waves via 2D ECE Imaging on KSTAR, DIII-D and TEXTOR
	EXS/10-1Rb	Xu, X.	P.R. of China	Study of m/n=1/1 and high-order harmonic modes during the sawtooth oscillation via 2-D ECEI in a low beta tokamak plasma
	THS/9-1	Graves, J. P.	Switzerland	Sawtooth Control Relying on Toroidally Propagating ICRF Waves
	EXW/10-2Ra	<u>Esposito, B.</u>	Italy	Avoidance of disruptions at high betaN in ASDEX Upgrade with off-axis ECRH
	EXS/10-2Rb	Savrukhin, P.V.	Russian Federation	Control of the nonthermal electrons and current collapse at the density limit disruption in T-10 tokamak
	EXS/10-3 THS/9-2	Hender, T.C. Izzo, V.	United Kingdom USA	JET Disruption Studies in Support of ITER Runaway Electron Modeling for Rapid Shutdown Scenarios in DIII-D, Alcator C-Mod, and ITER

Lunch Break

<i>S/1 - Summary</i> 14:00 - 16:10 3x30'	Nuclear Fusion Ceremony		Host / IAEA	(30')
	S/1-1	Hawryluk, R.	USA	EX/C, ICC
	S/1-2	Jacquinot, J.	EU	EX/S, EX/W, EX/D
	S/1-3	Garbet, X.	France	TH

Coffee Break

<i>S/2 - Summary / CLOSING</i> 16:40 - 18:00 2x30'	S/2-1	Mima, K.	Japan	IFE
	S/2-2	Takatsu, H.	Japan	FTP, ITR, SEE
	CLOSING			IAEA

Provisional Programme for the 23rd IAEA Fusion Energy Conference

List of posters by sessions

	Monday to Friday	Tuesday AM	Tuesday PM	Wednesday AM	Wednesday PM	Thursday AM	Thursday PM	Friday AM	Friday PM
Statistics	OV/P	P1	P2	P3	P4	P5	P6	P7	P8
SUB-TOTALS	30	102	70	92	70	48	90	64	44
OVs all week	30	30	30	30	30	30	30	30	30
SESSION TOTALS	30	132	100	122	100	78	120	94	74
OV/1-1	ITR/1-1	EXC/1-1	EXC/2-1	EXC/3-1	EXC/P5-01	ITR/2-1	EXC/P7-01	EXC/7-1	
OV/1-2	ITR/1-2	EXS/1-2	EXC/2-3Ra	EXC/3-2	EXC/P5-02	ITR/2-2	EXS/P7-01	EXC/7-2	
OV/1-3	ITR/1-3	EXC/1-3	EXC/2-3Rb	EXC/3-3	EXC/P5-03	ITR/2-3	EXS/P7-02	EXC/7-3	
OV/1-4	ITR/1-4	EXC/1-4	EXC/2-4Ra	EXC/3-4	EXS/5-1	ITR/2-4Rb	EXW/4-1	EXC/7-4Ra	
OV/2-1	ITR/1-5	EXC/1-5	EXC/2-4Rb	EXC/3-5	EXS/5-2	ITR/2-5Rb	EXW/4-2	EXC/P8-01	
OV/2-2	ITR/1-6	EXC/P2-01	EXC/2-5Ra	EXC/9-1	EXS/5-3	ITR/2-5Rc	EXW/4-3Rb	EXC/P8-02	
OV/2-3	ITR/P1-01	EXC/P2-02	EXC/2-5Rb	EXC/9-2	EXS/5-4	FTP/1-1Ra	EXW/4-4Rb	EXC/P8-03	
OV/2-4	ITR/P1-02	EXC/P2-03	EXC/8-1	EXC/9-3	EXS/5-5	FTP/1-2Ra	EXW/P7-01	EXC/P8-04	
OV/2-5	ITR/P1-03	EXC/P2-04	EXS/8-3	EXC/9-4Rb	EXS/P5-01	FTP/2-1	EXW/P7-02	EXC/P8-05	
OV/3-1	ITR/P1-04	EXC/P2-05	EXC/8-4	EXC/P4-01	EXS/P5-02	FTP/2-2	EXW/P7-03	EXC/P8-06	
OV/3-2	ITR/P1-05	EXC/P2-06	EXC/6-3	EXC/P4-02	EXS/P5-03	FTP/2-3Ra	EXW/P7-04	EXC/P8-07	
OV/3-3	ITR/P1-06	EXC/P2-07	EXC/P3-01	EXC/P4-03	EXS/P5-04	FTP/2-3Rb	EXW/P7-05	EXC/P8-08	
OV/3-4	ITR/P1-07	EXC/P2-08	EXC/P3-02	EXC/P4-04	EXS/P5-05	FTP/2-4	EXW/P7-06	EXC/P8-09	
OV/4-1	ITR/P1-08	EXC/P2-09	EXC/P3-03	EXC/P4-05	EXS/P5-06	FTP/3-2Ra	EXW/P7-07	EXC/P8-10	
OV/4-2	ITR/P1-09	EXS/10-1Ra	EXC/P3-04	EXC/P4-06	EXS/P5-07	FTP/3-4Rc	EXW/P7-08	EXC/P8-11	
OV/4-3	ITR/P1-10	EXS/10-1Rb	EXC/P3-05	EXC/P4-07	EXS/P5-08	FTP/3-5Ra	EXW/P7-09	EXC/P8-12	
OV/4-4	ITR/P1-11	EXS/10-2Rb	EXC/P3-06	EXC/P4-08	EXS/P5-09	FTP/3-5Rb	EXW/P7-10	EXC/P8-13	
OV/4-5	ITR/P1-12	EXS/10-3	EXD/2-2	EXC/P4-09	EXS/P5-10	FTP/3-6Ra	EXW/P7-11	EXC/P8-14	
OV/5-1	ITR/P1-13	EXS/P2-01	EXD/6-1	EXC/P4-10	EXS/P5-11	FTP/6-01	EXW/P7-12	EXC/P8-15	
OV/5-2	ITR/P1-14	EXS/P2-02	EXD/6-2	EXC/P4-11	EXS/P5-12	FTP/6-02	EXW/P7-13	EXC/P8-16	
OV/5-3Ra	ITR/P1-15	EXS/P2-03	EXD/6-4	EXC/P4-12	EXS/P5-13	FTP/6-03	EXW/P7-14	EXC/P8-17	
OV/5-3Rb	ITR/P1-16	EXS/P2-04	EXD/6-5Ra	EXC/P4-13	EXS/P5-14	FTP/6-04	EXW/P7-15	EXC/P8-18	
OV/5-4	ITR/P1-17	EXS/P2-05	EXD/6-6Rb	EXC/P4-01	EXS/P5-15	FTP/6-05	EXW/P7-16	EXC/P8-19	
OV/P-1	ITR/P1-18	EXS/P2-06	EXD/8-2	EXS/P4-02	THC/P5-01	FTP/6-06	EXW/P7-17	EXC/P8-20	
OV/P-2	ITR/P1-19	EXS/P2-07	EXD/P3-01	THC/3-1	THC/P5-02	FTP/6-07	EXW/P7-18	EXC/P8-21	
OV/P-4	ITR/P1-20	EXS/P2-08	EXD/P3-02	THC/3-2	THC/P5-03	FTP/6-08	EXW/P7-19	EXC/P8-22	
OV/P-5	ITR/P1-21	EXS/P2-09	EXD/P3-03	THC/3-3	THC/P5-04	FTP/6-09	EXW/P7-20	EXC/P8-23	
OV/P-6	ITR/P1-22	EXS/P2-10	EXD/P3-04	THC/3-4Ra	THS/4-1	FTP/6-10	EXW/P7-21	EXS/P8-01	
OV/P-7	ITR/P1-23	EXS/P2-11	EXD/P3-05	THC/3-4Rb	THS/P5-01	FTP/6-11	EXW/P7-22	EXS/P8-02	
OV/P-8	ITR/P1-24	EXS/P2-12	EXD/P3-06	THC/3-5	THS/P5-02	FTP/6-12	EXW/P7-23	THC/6-1	
	ITR/P1-25	EXS/P2-13	EXD/P3-07	THC/8-1	THS/P5-03	FTP/6-13	EXW/P7-24	THC/6-2Rb	
	ITR/P1-26	EXS/P2-14	EXD/P3-08	THC/P4-01	THS/P5-04	FTP/6-14	EXW/P7-25	THC/P8-01	
	ITR/P1-27	EXS/P2-15	EXD/P3-09	THC/P4-02	THS/P5-05	FTP/6-15	EXW/P7-26	THC/P8-02	
	ITR/P1-28	EXS/P2-16	EXD/P3-10	THC/P4-03	THS/P5-06	FTP/6-16	EXW/P7-27	THC/P8-03	
	ITR/P1-29	EXS/P2-17	EXD/P3-11	THC/P4-04	THS/P5-07	FTP/6-17	EXW/P7-28	THC/P8-04	
	ITR/P1-30	EXS/P2-18	EXD/P3-12	THC/P4-05	THS/P5-08	FTP/6-18	EXW/P7-29	THC/P8-05	
	ITR/P1-31	EXS/P2-19	EXD/P3-13	THC/P4-06	THS/P5-09	FTP/6-19	EXW/P7-30	THS/P8-01	
	ITR/P1-32	EXS/P2-20	EXD/P3-14	THC/P4-07	THS/P5-10	FTP/6-20	EXW/P7-31	THS/P8-02	
	ITR/P1-33	EXS/P2-21	EXD/P3-15	THC/P4-08	THS/P5-11	FTP/6-21	EXW/P7-32	THS/P8-03	
	ITR/P1-34	EXS/P2-22	EXD/P3-16	THC/P4-09	THS/P5-12	FTP/6-22	THS/P7-01	THS/P8-04	
	ITR/P1-35	EXW/10-2Ra	EXD/P3-17	THC/P4-10	THS/P5-13	FTP/6-23	THS/P7-02	THS/P8-05	
	ITR/P1-36	EXW/P2-01	EXD/P3-18	THC/P4-11	THS/P5-14	FTP/6-24	THW/2-1	THW/P8-01	
	ITR/P1-37	EXW/P2-02	EXD/P3-19	THC/P4-12	ICC/P5-01	FTP/6-25	THW/2-2Ra	THW/P8-02	
	ITR/P1-38	EXW/P2-03	EXD/P3-20	THC/P4-13	ICC/P5-02	FTP/6-26	THW/2-2Rb	THW/P8-03	
	ITR/P1-39	EXW/P2-04	EXD/P3-21	THC/P4-14	ICC/P5-03	FTP/6-27	THW/2-3Ra	THW/P8-04	
	ITR/P1-40	EXW/P2-05	EXD/P3-22	THC/P4-15	ICC/P5-04	FTP/6-28	THW/2-4Ra		
	ITR/P1-41	EXW/P2-06	EXD/P3-23	THC/P4-16	ICC/P5-05	FTP/6-29	THW/P7-01		
	ITR/P1-42	EXW/P2-07	EXD/P3-24	THC/P4-17	ICC/P5-06	FTP/6-30	THW/P7-02		
	ITR/P1-43	EXW/P2-08	EXD/P3-25	THC/P4-18		FTP/6-31	THW/P7-03		
	ITR/P1-44	EXW/P2-09	EXD/P3-26	THC/P4-19		FTP/6-32	THW/P7-04		
	ITR/P1-45	EXW/P2-10	EXD/P3-27	THC/P4-20		FTP/6-33	THW/P7-05		
	ITR/P1-46	EXW/P2-11	EXD/P3-28	THC/P4-21		FTP/6-34	THW/P7-06		
	ITR/P1-47	EXW/P2-12	EXD/P3-29	THC/P4-22		FTP/6-35	THW/P7-07		
	ITR/P1-48	THC/P2-01	EXD/P3-30	THC/P4-23		FTP/6-36	THW/P7-08		
	ITR/P1-49	THC/P2-02	EXD/P3-31	THC/P4-24		SEE/1-1Ra	THW/P7-09		
	ITR/P1-50	THC/P2-03	EXD/P3-32	THC/P4-25		SEE/1-1Rb	THW/P7-10		
	ITR/P1-51	THC/P2-04	ICC/P3-01	THC/P4-26		SEE/1-1Rc	THW/P7-11		
	ITR/P1-52	THC/P2-05	EXD/P3-33	THC/P4-27		IFE/1-1	THW/P7-12		
	ITR/P1-53	THD/P2-01	EXD/P3-34	THC/P4-28		IFE/1-2	THW/P7-13		
	ITR/P1-54	THS/9-1	EXD/P3-35	THC/P4-29		IFE/1-3	THW/P7-14		
	ITR/P1-55	THS/9-2	EXD/P3-36	THC/P4-30		IFE/1-4	THW/P7-15		
	FTP/3-1	THS/P2-02	EXD/P3-37	THC/P4-31		IFE/1-5	THW/P7-16		
	FTP/3-2Rb	THS/P2-03	EXS/P3-01	THD/P4-01		IFE/P6-01	ICC/P7-01		
	FTP/3-3Ra	THS/P2-04	EXS/P3-02	THS/P4-01		IFE/P6-02	ICC/P7-02		
	FTP/3-3Rb	THS/P2-05	EXS/P3-03	THS/P4-02		IFE/P6-03			
	FTP/3-4Ra	THS/P2-06	EXS/P3-04	THW/P4-01		IFE/P6-04			
	FTP/3-4Rb	THW/P2-01	EXS/P3-05	THW/P4-02		IFE/P6-05			
	FTP/3-6Rb	THW/P2-02	EXS/P3-06	THW/P4-03		IFE/P6-06			
	FTP/P1-01	THW/P2-03	THC/P3-01	ICC/1-1Ra		IFE/P6-07			
	FTP/P1-02	THW/P2-04	THC/P3-02	ICC/P4-01		IFE/P6-08			
	FTP/P1-03		THC/P3-03			IFE/P6-09			
	FTP/P1-04		THC/P3-04			IFE/P6-10			
	FTP/P1-05		THC/P3-05			IFE/P6-11			
	FTP/P1-06		THC/P3-06			IFE/P6-12			
	FTP/P1-07		THD/5-1Rb			IFE/P6-13			
	FTP/P1-08		THD/5-2Ra			IFE/P6-14			
	FTP/P1-09		THD/P3-01			IFE/P6-15			
	FTP/P1-10		THD/P3-02			IFE/P6-16			
	FTP/P1-11		THD/P3-03			IFE/P6-17			
	FTP/P1-12		THD/P3-04			IFE/P6-18			
	FTP/P1-13		THD/P3-05			IFE/P6-19			
	FTP/P1-14		THD/P3-07			IFE/P6-20			
	FTP/P1-15		THD/P3-08			IFE/P6-21			
	FTP/P1-16		THS/1-1			IFE/P6-22			
	FTP/P1-17		THS/7-1			IFE/P6-23			
	FTP/P1-18		THS/P3-01			IFE/P6-24			
	FTP/P1-19		THS/P3-02			IFE/P6-25			
	FTP/P1-20		THS/P3-03			IFE/P6-26			
	FTP/P1-21		THS/P3-04			IFE/P6-27			
	FTP/P1-22		THS/P3-05			IFE/P6-28			
	FTP/P1-23		THS/P3-06						
	FTP/P1-24		THW/P3-01						
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