

17th Fusion Energy Conference

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Conference proceedings on CD-ROM

Session AKMS – Artsimovich-Kadomtsev Memorial Session

AKMS: R. Aymar, The legacy of Artismovich and the lessons of ITER

Session OV1 – Overviews 1

OV1/1: S. Ishida, JT-60U High Performance Regimes

OV1/2: M. L. Watkins, Physics of High Performance JET Plasmas in D-T

OV1/3: T. S. Taylor, Results from the DIII-D Scientific Research Program

OV1/4: A. Iiyoshi, Overview of the Large Helical Device project

Session OV2 – Overviews 2

OV2/1: E. Marmor, Overview of Recent Results from the Alcator C-Mod Tokamak

OV2/2: A. Bécoulet, Towards high-power long-pulse operation on Tore Supra

OV2/3: S. Itoh, Recent Progresses on High Performance Steady-State Plasmas in the Superconducting Tokamak TRIAM-1M

OV2/4: F. Wagner, Overview on W7-AS Results with Relevance for WENDELSTEIN 7-X and the Low-Shear Stellarator Line

OV2/5: A. Sykes, The Spherical Tokamak Programme at Culham

Session OV3 – Overviews 3

OV3/1: B. A. Hammel, Recent Advances in Indirect Drive ICF Target Physics at LLNL

OV3/3: J. M. Soures, Recent Advances in Direct-Drive ICF Target Physics at the Laboratory for Laser Energetics

OV3/4: R. J. Leeper, Z-pinch Driven Inertial Confinement Fusion Target Physics Research at Sandia National Laboratories

Session OV4 – Overviews 4

OV4/1: Y. Shimomura, ITER Overview

OV4/2: B. C. Stratton, Energetic Particle Transport and Alpha-Driven Instabilities in Advanced Confinement D-T Plasmas on TFTR

OV4/3: O. Gruber, Overview of ASDEX Upgrade Results

OV4/4: F. Romanelli, Overview of the FTU Results

OV4/5: S. Okamura, Confinement Physics Study in a Small Low-Aspect-Ratio Helical Device CHS

Session EX1 – Performance, Improved Modes, Alphas

EX1/1: P. R. Thomas, Alpha Particle Studies During JET DT Experiments

EX1/2: T. Fujita, High Performance Experiments in JT-60U Reversed Shear Discharges

EX1/3: R. R. Weynants, Overview of RI-Mode Results on TEXTOR-94

EX1/4: M. Greenwald, H-Mode Regimes and Observations of Central Toroidal Rotation in ALCATOR C-Mod

Session EX2 – Helical Experiments

EX2/1: A. Weller, Investigation of Equilibrium, Global Modes and Microinstabilities in the Stellarator W7-AS

EX2/3: M. Fujiwara, Plasma Confinement Studies in LHD

EX2/4: C. Alejandre, First plasmas in the TJ-II Flexible Heliac

EX2/5: T. Obiki, Profile Control and its Effects on Plasma Confinement in Heliotron E

Session EX3 – Divertors 1

EX3/2: M. Kaufmann, Energy and Particle Control Characteristics of the ASDEX Upgrade 'Lyra' Divertor

EX3/3: B. Lipschultz, Detached Divertor Plasmas in ALCATOR C-Mod: A Study of the Role of Atomic Physics

EX3/5: G. F. Matthews, Confinement Degradation of ELMy H-Modes at High Density and/or Radiated Power Fraction

EX3/6: V. Mertens, Operational Limits of High Density H-Modes in ASDEX Upgrade

EX3/7: R. Décoste, Characteristics of Various Confinement Regimes Obtained with EC and LH Heating on the TdeV Tokamak

Session EX4 – Innovative Concepts, Reversed Field & Mirror Experiments

EX4/3: R. Bartiromo, Recent Progress in RFP Research on the RFX Experiment

EX4/4: Y. Hirano, Reversed Field Pinch Experiment on a New Large Machine, TPE-RX

EX4/5: G. Fiksel, Confinement in the RFP: Lundquist Number Scaling, Plasma Flow, and Reduced Transport

EX4/6: K. Yatsu, Plasma Confinement in the GAMMA 10 Tandem Mirror

Session EX5 – Transport, Internal Transport Barriers, H-Mode

EX5/4: H. Shirai, Reduced Transport and E_R Shearing in Improved Confinement Regimes in JT-60U

EX5/5: C. M. Greenfield, Behavior of Electron and Ion Transport in Discharges with an Internal Transport Barrier in the DIII-D Tokamak

EX5/6: E. J. Synakowski, A Comparative Study of Core and Edge Transport Barrier Dynamics of DIII-D and TFTR Tokamak Plasmas

Session EX6 – Transport & Divertors 2

EX6/1: V. V. Parail, Transport in JET High Performance Plasmas

EX6/2: R. Granetz, Scaling of H-Mode Pedestal Characteristics in DIII-D and C-Mod

EX6/4: R. D. Monk, Recent Results from Divertor and SOL Studies at JET

EX6/5: A. Sakasai, Steady-State Exhaust of Helium Ash in the W-Shaped Divertor of JT-60U

EX6/6: S. L. Allen, Radiative Divertor and SOL Experiments in Open and Baffled Divertors on DIII-D

Session EX7 – Transport

EX7/1: J. G. Cordey, H-Mode Power Threshold and Confinement in JET H, D, D-T and T Plasmas

EX7/5: V. A. Vershkov, Experimental Investigation of ITG-like Turbulence Characteristics in T-10 Tokamak Core Plasma with Toroidal and Poloidal Correlation Reflectometry

Session EX8 – Transport

EX8/1: L. L. Lao, Effects of Plasma Shape and Profiles on Edge Stability in DIII-D

EX8/2: S. Günter, MHD Phenomena at ASDEX Upgrade

EX8/3: A. Pochelon, Energy Confinement and MHD Activity in Shaped TCV Plasmas with Localised Electron Cyclotron Heating

EX8/4: J. Manickam, Localized MHD Activity Near Transport Barriers in JT-60U and TFTR

EX8/5: R. Buttery, Error Field Mode Studies on JET, COMPASS-D and DIII-D, and Implications for ITER

EX8/6: Y. Kusama, Alfvén eigenmodes and their Impact on Plasma Characteristics in JT-60U

Session CD1 – Plasma Heating and Current Drive 1

CD1/1: T. Oikawa, Heating and Non-inductive Current Drive by Negative-ion based NBI in JT-60U

CD1/2: D. F. H. Start, Reactor Relevant ICRF Heating in JET D-T Plasmas

CD1/4: S. Ide, LHCD Current Profile Control Experiments towards Steady State Improved Confinement on JT-60U

CD1/5: D. Hartmann, Plasma Heating and Sustainment in the Ion Cyclotron Range of Frequencies on the Stellarator W7-AS

Session CD2/EX9 – Long Pulse Operation & Current Drive 2

CD2/EX9/1: D. Moreau, Plasma Control Issues for an Advanced Steady State Tokamak Reactor

CD2/EX9/2: Y. Kamada, Long Sustainment of JT-60U Plasmas with High Integrated Performance

CD2/EX9/3: B. W. Rice, Progress Towards Sustainment of Advanced Tokamak Modes in DIII-D

CD2/EX9/5: T. C. Luce, Current Profile Modification with Electron Cyclotron Current Drive in the DIII-D Tokamak

Session CDP – Plasma Heating and Current Drive

CDP/02: G. Tonon, High Power RF Systems for Long Pulse Operation on TORE SUPRA and Planned Upgrades

CDP/03: Y. Peysson, Core and Edge Electron Dynamics during Lower Hybrid Current Drive Experiments

CDP/04: A. A. Tuccillo, High Density Lower Hybrid Current Drive and Ion Bernstein Waves Heating Experiments on FTU

CDP/05: V. Ereckmann, ECRH and ECCD Experiments in an Extended Power Range at the W7-AS Stellarator

CDP/06: M. Asakawa, Sawtooth control by on-axis electron cyclotron current drive on the WT-3 tokamak

CDP/07: S. Cirant, Electron Cyclotron Heating at 140 GHz on FTU Tokamak in Steady-State Conditions and During Current Ramp-Up

CDP/08: A. A. M. Oomens, Progress in EC Heating and Current Drive Physics and Technology at RTP

- CDP/09:** C. K. Phillips, ICRF Heating and Profile Control Techniques in TFTR
- CDP/11:** J.-M. Noterdaeme, Comparing High Power Ion Cyclotron Resonance Frequency Heating with Neutral Injection in ASDEX Upgrade: Differences, Similarities and Synergies
- CDP/12:** R. Kaita, High Frequency Fast Wave Results from the CDX-U Spherical Torus
- CDP/13:** A. Bers, Mode-Converted Electron Bernstein Waves for Heating and Current Drive in NSTX
- CDP/14:** P. T. Bonoli, Modelling of Advanced Tokamak Physics Scenarios in ALCATOR C-Mod
- CDP/15:** J. Li, Quasi-steady State High Confinement at High Density by LH Waves in the HT-6M Tokamak
- CDP/16:** S. Cuperman, Structure and Parameters Dependences of Alfvén Wave Current Drive Generated in the Low-Field Side of Simulated Spherical Tokamaks

Session EXP1 – Particle Transport, Internal Transport Barriers, Helical Systems
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- EXP1/01:** F. Romanelli, Impurity Transport Studies on the FTU Tokamak
- EXP1/02:** B. N. Wan, H α Line Shape in Front of the Limiter in HT-6M Tokamak / Current Relaxation and its Roles in Improved Confinement
- EXP1/03:** Y. Yang, Pellet injection experiments on Tokamaks in ASIPP, China
- EXP1/04:** B. Kardon, High Time-Resolved Measurements of Radiation Emitted by Impurities Injected on the MT-1M Tokamak
- EXP1/05:** C. Gormezano, High Performance with Modified Shear in JET D-D and D-T Plasmas
- EXP1/06:** F. X. Söldner, Towards Steady-State Tokamak Operation with Double Transport Barriers
- EXP1/07:** K.-D. Zastrow, Trace Tritium Transport in JET
- EXP1/08:** F. G. Rimini, DT Fusion Power Production in ELM-Free H-Modes in JET
- EXP1/09:** S. V. Lebedev, Internal Transport Barrier and β Limit in Ohmically Heated Plasma in TUMAN-3M
- EXP1/10:** L. M. Kovrizhnykh, Recent Results of ECRH Experiments on L-2M Stellarator
- EXP1/11:** J. H. Harris, Confinement, Fluctuations, and Electric Fields in the H-1 HELIAC
- EXP1/12:** R. C. Wolf, Advanced Tokamak Operation on ASDEX Upgrade
- EXP1/13:** R. E. Bell, Poloidal Rotation and Radial Electric Fields in TFTR
- EXP1/14:** D. R. Ernst, Unifying Role of Radial Electric Field Shear in the Confinement Trends of Transitionless Regimes in TFTR
- EXP1/15:** P. C. Efthimion, Observation of Neoclassical Transport in Reverse Shear Plasmas on the Tokamak Fusion Test Reactor

EXP1/17: H. Takenaga, Particle Confinement and Transport in JT-60U

EXP1/19: K. Toi, Global MHD Modes Excited by Energetic Ions in Helitron/Torsatron Plasmas

EXP1/20: C. Hidalgo, On the Interplay between Turbulence and Poloidal Flows in Plasmas

Session EXP2 – Confinement & Transport

EXP2/01: G. Bracco, Energy Transport Analysis of High Temperature and High Density FTU Plasma Discharges

EXP2/02: J. P. Christiansen, Experimental Tests of Confinement Scale Invariance on JET, DIII-D, ASDEX Upgrade and CMOD

EXP2/03: F. Rytter, Dimensionally Similar Studies of Confinement and H-mode Transition in ASDEX Upgrade and JET

EXP2/04: A. W. Morris, Improved Confinement, High- β Regimes and Edge Behaviour on the COMPASS-D Tokamak with High Power ECRH and LHCD

EXP2/06: W. Suttrop, H-mode and Confinement Studies in ASDEX Upgrade

EXP2/07: J. Rapp, Density Limit Investigations near and Significantly above the Greenwald Limit on the Tokamaks TEXTOR-94 and RTP

EXP2/08: J. C. DeBoo, Experimental Tests of Transport Models Using Modulated ECH

EXP2/09: C. C. Petty, Comprehensive Energy Transport Scalings Derived from DIII-D Similarity Experiments

EXP2/10: R. Maingi, Investigation of Density Limit Processes in DIII-D

EXP2/11: T. N. Carlstrom, Comparison of L-H Transition Measurements with Physics Models

EXP2/12: K. W. Hill, Highly Radiative Plasmas for Local Transport Studies and Power and Particle Handling in Reactor Regimes

EXP2/13: X. L. Zou, Investigation of Dimensionless Scaling Laws and Non Local Transport in TORE SUPRA

EXP2/14: Y. Hamada, Potential Turbulence in Tokamak Plasmas

EXP2/15: H. Toyama, Comparative Studies of a Spherical Tokamak and a Conventional Tokamak: Magnetic Turbulence-Induced Transport

EXP2/17: Y. Liu, Confinement Studies during LHCD and LHW Ion Heating on HL-1M

Session EXP3 – MHD Stability & Alternate Confinement Systems

EXP3/01: S. Cirant, MHD Studies in FTU Plasmas with Low and Negative Magnetic Shear

EXP3/03: G. Huysmans, Observation of Neo-Classical Tearing Modes in JET

EXP3/04: I. Semenov, Some Features of the Disruption Instability in Reversed Shear TFTR Plasmas

EXP3/05: Yu. V. Esipchuk, Studies of the Disruption Prevention by ECRH at Plasma Current Rise Stage in Limiter Discharges / Possibility of an Internal Transport Barrier Producing under Dominating Electron Transport in the T-10 Tokamak

EXP3/06: A. Vannucci, Forecast of TEXT Plasma Disruptions Using Soft X-Rays as Input Signal in a Neural Network

EXP3/07: T. E. Evans, The Production and Confinement of Runaway Electrons with Impurity “Killer” Pellets in DIII-D

EXP3/08: S. Bernabei, Alfvén Instabilities during ICRF Minority Heating in TFTR

EXP3/09: M. Mauel, Suppression of Magnetic Islands Through Synchronous and Asynchronous Application of Resonant Magnetic Fields

EXP3/10: E. J. Strait, Observation and Control of Resistive Wall Modes

EXP3/11: Y. Neyatani, Characteristics of Halo Current in JT-60U

EXP3/12: M. Abe, Tokamak Discharge Test with Ferritic First Wall Simulating Vacuum Vessel

EXP3/13: R. Piovan, Studies on Magnetic Dynamics in RFX

EXP3/14: M. Valisa, Plasma-Wall Interactions in RFX

EXP3/15: V. Antoni, Particle and Energy Transport in the RFX Experiment

EXP3/17: A. A. Ivanov, Experiments on High- β Plasma Confinement in Gas Dynamic Trap

EXP3/18: V. V. Vikhrev, Theoretical and Experimental Study for Possibility of Nuclear Burn Wave Initiation in Z-Pinch due to M=0 Instability Development

EXP3/20: D. H. E. Dubin, Collisional Transport in Nonneutral Plasmas

Session EXP4 – Divertors & Alternate Confinement Systems

EXP4/02: A. Kallenbach, Flux Dependence and Isotope Effect of the Chemical Erosion of Carbon under Tokamak Conditions

EXP4/03: M. R. Wade, Impurity Control Studies Using SOL Flow in DIII-D

EXP4/04: A. Grosman, Heat Flux Exhaust in TORE SUPRA in Ergodic Divertor and Limiter Configurations

EXP4/05: N. Hosogane, Divertor Characteristics and Control on the W-Shaped Divertor with Pump of JT-60U

EXP4/06: N. Asakura, Heat and Particle Transport of SOL/Divertor Plasma in the W-Shaped Divertor on JT-60U

EXP4/07: Y. Yagi, Confinement Characteristics of the TPE Reversed Field Pinch Plasmas and Effects of the Boundary Configuration

EXP4/08: M. Ichimura, Characteristics of Hot Ions with a Strong RF Heating in the GAMMA 10 Tandem Mirror

EXP4/10: M. Nagata, Helicity Injection Current Drive of Spherical Tokamak & Spheromak Plasmas in HIST

EXP4/11: K. Hayase, Divertor RFP Experiment on TPE-2M

EXP4/13: S. Masamune, Control of RFP Dynamics with External Helical Fields

EXP4/14: S. Okada, Axial compression of an FRC plasma

EXP4/15: M. Inomoto, High-Power Initial Heating of Compact Torus by Means of Merging Effect

Session ITER – ITER EDA

ITER/1: D. J. Campbell, ITER Physics Basis and Physics Rules

ITER/2: R. R. Parker, ITER In-Vessel System Design and Performance

ITER/3: J. Wesley, Operation and Control of ITER Plasmas

ITER/4: M. Huguet, The Integrated Design of the ITER Magnets and their Auxiliary Systems

ITER/5: R. Haange, Remote Handling Maintenance of ITER

ITER/6: V. Chuyanov, International Thermonuclear Experimental Reactor (ITER) Plant Layout and Site Services

Session ITERP1 – ITER EDA 1

ITERP1/07: K. Thomsen, Latest Results from the ITER H-Mode Confinement and Threshold Databases

ITERP1/08: D. Mikkelsen, Tests of 1-D Transport Models, and their Predictions for ITER

ITERP1/09: D. Boucher, Assessment and Modeling of Inductive and Non-Inductive Scenarios for ITER

ITERP1/10: S. Putvinski, Energetic Particles and Runaway Electrons in ITER

ITERP1/11: F. Perkins, Neoclassical Islands, β -Limits, Error Fields, and ELMs in Reactor-Scale Tokamaks

ITERP1/12: M. Shimada, Edge Database Analysis for Extrapolation to ITER

ITERP1/13: A. S. Kukushkin, 2D Modelling and Assessment of Divertor Performance for ITER

ITERP1/14: R. Yoshino, Characterization of Disruption Phenomenology in ITER

ITERP1/15: G. Janeschitz, Integration of Diagnostics into the ITER Machine

ITERP1/16: G. Bosia, Progress in RF Heating (IC, EC and LH) Design and R&D during ITER EDA

ITERP1/17: P. L. Mondino, ITER Neutral Beam System

ITERP1/18: R. T. Santoro, Nuclear Analysis for ITER

ITERP1/20: K. McCarthy, Beryllium Interaction with Steam or Air in ITER under Accident Conditions

ITERP1/21: R. Jay Jayakumar, ITER Central Solenoid Manufacturing R&D

ITERP1/23: R. Maix, The ITER Toroidal Field Model Coil (TFMC) Development Programme

ITERP1/24: M. Nakahira, Integration Test of ITER Full-Scale Vacuum Vessel Sector

ITERP1/25: W. Dänner, Progress and Achievements of the ITER L-4 Blanket Project

ITERP1/26: M. Ulrickson, The ITER Divertor Cassette Project

ITERP1/28: A. Tesini, The Divertor Remote Maintenance Project

Session ITERP2 – ITER EDA 2

ITERP2/04: V. M. Kulygin, The Development of Negative Ion Beam Plasma Neutraliser for ITER NBI

ITERP2/05: T. Yamanishi, Development of Tritium Fuel Processing System Using Electrolytic Reactor for ITER

ITERP2/06: S. O'Hira, Improvement of Tritium Accountancy Technology for the ITER Fuel Cycle Safety Enhancement

ITERP2/07: C. Day, Summarized Results of the Cryosorption Panel Test Programme for the ITER Cryopumping System

ITERP2/08: H. Haas, Test Facility TIMO for Testing the ITER Model Cryopump

ITERP2/09: K. Takase, Thermal-Hydraulic Characteristics during Ingress-of-Coolant and Loss-of-Vacuum Events in Fusion Reactors

ITERP2/10: J. B. Lister, Direct Measurement of the Plasma Equilibrium Response to Poloidal Field Changes and H_{∞} Controller Tests in TCV

Session IF – Inertial Fusion Energy
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IF/3: O. Willi, Inertial Confinement Fusion and Fast Ignitor Studies

IF/5: M. H. Key, Progress in Fast Ignitor Research with the NOVA Petawatt Laser Facility

Session IFP – Inertial Fusion Energy

IFP/03: B. J. MacGowan, Laser Beam Smoothing and Backscatter Saturation Processes in Plasmas Relevant to National Ignition Facility Hohlraums

IFP/05: J. C. Fernández, Experimental Program to Elucidate and Control Stimulated Brillouin and Raman Backscattering in Long-Scale Plasmas

IFP/12: H. Takabe, Integrated Code Development and Analysis of Implosion and Hydrodynamic Experiments

IFP/13: D. A. Callahan-Miller, A Distributed Radiator, Heavy Ion Driven Inertial Confinement Fusion Target with Realistic, Multibeam Illumination Geometry

IFP/14: M. E. Cuneo, Generating High-Brightness Light Ion Beams for Inertial Fusion Energy

IFP/16: M. G. Haines, Cryogenic Deuterium Z-Pinch and Wire Array Z-Pinch Studies at Imperial College

IFP/17: A. B. Kukushkin, Filamentation and Networking of Electric Currents in Dense Z-Pinch Plasmas

Session ICP – Innovative Concepts
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ICP/01: M. Ono, Exploration of Spherical Torus Physics in the NSTX Device

ICP/02: V. K. Gusev, Globus-M Experiment at the Final Stage of Preparations

ICP/03: P. K. Kaw, Spherical Tokamak without External Toroidal Fields

ICP/04: E. B. Hooper, Sustained Spheromak Physics Experiment

ICP/05: W. A. Cooper, A Paramagnetic Nearly Isodynamic Compact Magnetic Confinement System

ICP/07: D. A. Spong, Design Studies of Low-Aspect Ratio Quasi-Omnigenous Stellarators

ICP/09: J. Kesner, Plasma Confinement in a Magnetic Dipole

ICP/11: V. S. Koidan, Fast Heating of a Dense Plasma by High-Power Electron Beam at the GOL-3-II Facility

ICP/12: M. Ohnishi, An Accelerated Beam-Plasma Neutron/Proton Source and Early Application of a Fusion Plasma

Session FT1 – Fusion Technology 1
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FT1/5: P. Massmann, European Contributions to the Beam Source Design and R&D of the ITER Neutral Beam Injectors

Session FT2 – Fusion Technology 2
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FT2/1: O. Motojima, Progress Summary of LHD Engineering Design and Construction

FT2/2: M. Pick, Development of Key Fusion Technologies at JET

FT2/3: T. Hirai, Anisotropic Radiation Damage by Charge Exchange Neutrals under the High Ion Temperature Discharges in TRIAM-1M

FT2/4: A. Möslang, Suitability and Feasibility of the International Fusion Materials Irradiation Facility (IFMIF) for Fusion Materials Studies

FT2/5: R. J. Kurtz, Progress in the U.S. Program to Develop Low-Activation Structural Materials for Fusion

FT2/6: K. Abe, Study on Dynamic Behavior of Fusion Reactor Materials and their Response to Variable and Complex Irradiation Environment

Session FTP – Fusion Technology
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FTP/01: H. Wobig, Power Balance in Stellarator Reactors

FTP/02: J. Kießlinger, Coil System of a Helias Reactor

FTP/04: M. Peng, Science and Technology of the 10-MA Spherical Tori

FTP/05: D. C. Robinson, Fusion Technology Applications of the Spherical Tokamak

FTP/06: L. J. Qiu, A low aspect ratio tokamak transmutation system

FTP/07: H. Sekimoto, Potential of Incineration of Long-Life Fission Products from Fission Energy System by D-T and D-D Fusion Reactors

FTP/08: F. Najmabadi, The ARIES-ST Study: Assessment of the Spherical Tokamak Concept as Fusion Power Plants

FTP/09: T. Uchimoto, Design of Tokamak Plasma with High Tc Superconducting Coils

FTP/10: Y. Murakami, Feasibility Study for Very High Aspect Ratio Tokamak Fusion Reactor

FTP/12: K. Ushigusa, Design Optimization of JT-60SU for Steady-State Advanced Operation

FTP/13: M. Porkolab, Advanced Tokamak Burning Plasma Experiment

FTP/14: B. Coppi, Recent Results Relevant to Ignition Physics and Machine Design Issues

FTP/15: N. N. Brevnov, The Aspect Ratio and Plasma Elongation Dependencies of Tokamak-Reactor Parameters

FTP/16: J. Huang, Design Activities of a Fusion Experimental Breeder

FTP/18: Y. Kozaki, Design Windows of Laser Fusion Power Plants and Conceptual Design of Laser-Diode Pumped Slab Laser

FTP/21: T. Watari, Steady State Heating Technology Development for the LHD

FTP/22: R. H. Goulding, Advanced ICH Antenna Designs for Heating and Current Drive on ITER and NSTX

FTP/24: A. G. Litvak, Development of 1 MW Output Power Level Gyrotron for ITER ECRH System

FTP/26: M. Isobe, Conceptual Design of Pebble Drop Divertor

FTP/27: V. A. Evtikhin, Design, Calculation and Experimental Studies for Liquid Metal System Main Parameters in Support of the Liquid Lithium Fusion Reactor

FTP/28: H. Takase, 3-D Electromagnetic Transient Characteristics of In-Vessel Components in Tokamak Reactor

FTP/34: K. Krieger, Hydrogen Isotope Inventories in Plasma Facing Components of ASDEX Upgrade

FTP/37: A. Hasegawa, Present Status of SiCf/SiC Composites as Low-Activation Structural Materials of Fusion Reactor in Japan

FTP/40: K. Tokimatsu, Evaluation of CO₂ Emissions in the Life Cycle of Tokamak Fusion Power Reactors

FTP/41: C.-D. Hillebrand, A Survey on Publications in Fusion Research and Technology Science and Technology Indicators in Fusion R&T

Session TH1 – Theory 1

TH1/1: A. M. Dimits, Simulation of Ion-Temperature-Gradient Turbulence in Tokamaks

TH1/3: X. Garbet, Flux Driven Turbulence in Tokamaks

TH1/5: B. Scott, Self-Consistent Computation of Transport Barrier Formation by Fluid Drift Turbulence in Tokamak Geometry

TH1/6: A. Fukuyama, Formation and Collapse of Internal Transport Barrier

Session TH2 – Theory 2

TH2/1: S. Murakami, 5D Simulation Study of Suprathermal Electron Transport in Non-Axisymmetric Plasmas

TH2/3: F. Zonca, High and Low Frequency Alfvén Modes in Tokamaks

TH2/4: B. N. Breizman, Collective Phenomena with Energetic Particles in Fusion Plasmas

TH2/5: A. Sen, Control of Neoclassical Tearing Modes in Large Tokamaks

Session TH3 – Theory 3

TH3/1: M. Rosenbluth, Dynamics of Zonal Flows and Self-Regulating Drift-Wave Turbulence

TH3/2: H. R. Wilson, Influence of the Plasma Edge on Tokamak Performance

TH3/3: T. Hayashi, Nonlinear Simulations of Internal Reconnection Event in Spherical Tokamak

TH3/4: W. Park, 3D MHD Simulations of Pellet Injection and Disruptions in Tokamak Plasmas

TH3/5: Ph. Ghendrih, Boundary Plasma Control with the Ergodic Divertor

TH3/7: B. Coppi, Theory for Angular Momentum Generation and the Problem of Poloidal Rotation

Session THP1 – Theory 1

THP1/03: W. Wakatani, Ideal and Resistive Interchange Instabilities in Negative Shear Tokamaks and Currentless Heliotron Plasmas

THP1/04: B. A. Carreras, Internal Disruptions in Stellarators

- THP1/05:** R. Preuss, Dimensionless Energy Confinement Scaling in W7-AS
- THP1/06:** A. A. Subbotin, Optimisation of Stellarator Systems: Possible Ways
- THP1/07:** G. Y. Fu, MHD Stability Calculations of High- β Quasi-Axisymmetric Stellarators
- THP1/09:** K. H. Saito, Optimization Study of L=1 Helical Magnetic Axis Systems
- THP1/10:** C. Hegna, Theoretical Studies on the Role of Flows and Currents in the RFP
- THP1/13:** S. V. Mirnov, The “Positive” Magnetic Islands Conception and its Applications to T-11M Experiments
- THP1/15:** S. Ikuno, Influence of External Toroidal Flux on Low-Aspect-Ratio Toroidal Plasma
- THP1/16:** C. V. Atanasiu, Two-Point Boundary Value and Cauchy Formulations in an Axisymmetrical MHD Equilibrium Problem

Session THP2 – Theory 2 (Transport)
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- THP2/01:** B. N. Rogers, The L-H Transition and the Stability of the Edge Pedestal
- THP2/02:** A. Zeiler, Electromagnetic η_i mode turbulence at the plasma edge
- THP2/03:** X. Q. Xu, Turbulence Studies in Tokamak Boundary Plasmas with Realistic Divertor Geometry
- THP2/04:** L. L. Lodestro, Edge and Coupled Core/Edge Transport Modelling in Tokamaks
- THP2/05:** R. Schneider, Test of the Predictive Capability Of B2-Eirene on ASDEX-Upgrade
- THP2/06:** L. Garcia, Nonlinear Full Torus Calculations of Resistive Pressure-Gradient-Driven Turbulence and Ion-Temperature-Gradient-Driven Turbulence in Toroidal Geometry
- THP2/07:** B. van Milligen, Long-Range Correlations and Universality in Plasma Edge Turbulence
- THP2/09:** J. Weiland, Resistive edge modes, a scenario for the L-H transition due to heat flux
- THP2/10:** S. J. Karttunen, Impact of Edge Electric Fields on Particle Transport and Dynamics in Tokamaks
- THP2/11:** P. K. Kaw, Time-Dependent One Dimensional Model of MARFES, Detached Plasmas in Divertor Scrape-Off Layer of a Tokamak
- THP2/13:** G. M. Staebler, Theory of Enhanced Core Confinement Regimes in Tokamaks
- THP2/14:** D. Moreau, Evolution of Thermal Ion Transport Barriers in Reversed Shear / Optimised Shear Plasmas
- THP2/15:** A. L. Rogister, Interpretation of Transport Barriers and of Subneoclassical Transport in the Framework of the Revisited Neoclassical Theory
- THP2/17:** Yu. N. Dnestrovskij, Verification of Canonical Profiles and Semi Empirical Transport Models Against JT-60U Plasmas

- THP2/18:** P. Strand, Predictive Simulations of High Performance and Dimensionless Scaling Experiments on JET
- THP2/19:** G. Bateman, Improving the Theoretical Foundations of the Multi-Mode Transport Model
- THP2/21:** N. N. Gorelenkov, Linear and Nonlinear Study of Fast Particle Excitation of Alfvén Eigenmodes
- THP2/22:** Y. Todo, Kinetic-Magnetohydrodynamic Simulation Study of Fast Ions and Toroidal Alfvén Eigenmodes
- THP2/23:** A. Jaun, Global Alfvén Eigenmodes Stability in Thermonuclear Tokamak Plasmas
- THP2/24:** A. Hirose, Stability Analysis of Energetic Ion Alfvén Mode and Kinetic Ballooning Mode in Tokamaks
- THP2/25:** Ya. I. Kolesnichenko, Behavior of MeV Ions in the Presence of Sawtooth Oscillations in TFTR and JET
- THP2/26:** S. Tokuda, Simulation Study on Avoiding Runaway Electron Generation by Magnetic Perturbations
- THP2/27:** V. A. Yavorskij, Modelling of Ripple Loss of Partially Thermalized Charged Fusion Products in TFTR
- THP2/28:** Z. Lin, Numerical and Theoretical Studies of Turbulence and Transport with $E \times B$ Shear Flows
- THP2/29:** K. C. Shaing, Intrinsically Steady-State Tokamaks
- THP2/30:** M. S. Chu, Effect of Rotation on Ideal and Resistive MHD Modes
- THP2/31:** T. Ozeki, Improvement of MHD Stability in Negative/Weak Shear Configurations for a Steady State Tokamak
- THP2/32:** L. Bai, Flow Shear Stabilization of Hybrid Electron-Ion Drift Mode in Tokamaks
- THP2/33:** D. Li, Instability Threshold of Neoclassical Tearing Mode, Double Tearing Mode and Off-Axis Sawteeth Crash in Tokamaks
- THP2/34:** C. Chang, Generation of Plasma Rotation by ICRH in Tokamaks
- THP2/35:** V. S. Tsypin, Effect of the Radial Electric Field, Induced by Alfvén Waves, on Transport Processes in Tokamaks
- THP2/36:** T. Hellsten, Self-Consistent Calculations of the Power Deposition and Velocity Distribution during ICRH Including Finite Orbit Widths, Spatial RF-Induced Drift and Diffusion
- THP2/37:** P. U. Lamalle, Self-Consistent Quasilinear Fokker-Planck - Maxwell Modelling of Ion Cyclotron Resonance Heating in Tokamak Plasmas
- THP2/38:** T. Iwasaki, Fast Responses in L/H Transition

Session S – Summaries

S/2: F. Wagner, Non-Tokamak Experiments

S/3: W. M. Tang, Theory Summary

S/5: C. C. Baker, ITER EDA and Technology

Post Deadline Papers

PDP/01: Y. Hamada, Fast Potential Changes at H-Mode Transition in the JFT-2M Tokamak

PDP/02: T. Jarboe, Current Drive Experiments on the HIT-II Spherical Torus

PDP/03: R. Nazikian, Core Density Fluctuations in Reverse Magnetic Shear Plasmas with Internal Transport Barrier on JT-60U