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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)

THP2/01: B. N. Rogers, The L-H Transition and the Stability of the Edge Pedestal
THP2/02: A. Zeiler, Electromagnetic \(\eta_i\) 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
THP2/17: 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 x 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