

Lectures

- L01 Mission of ITER and Challenges for the Young K. Ikeda (ITER)
- L02 The basis of ITER confinement F. Wagner (IPP)
- L03 Introduction to theory of confinement X. Garbet (CEA)
- L04 Work at/for ITER S. Ishizaka (ITER)
- L05 Computer simulation of plasma confinement in the ITER era
C.S. Chang (NY Univ. KAIST)
- L06 Design Studies and Plasma Confinement T. Tsunematsu (JAEA)
- L07 ITER Construction – Plant System Integration
E. Tada (ITER)/S. Matsuda (JAEA)
- L08 Tritium management in a fusion reactor
– safety, handling and economical issues – T. Tanabe (Kyushu Univ.)
- L09 Tritium retention and removal in tokamaks
C. Skinner (PPPL)
- L10 Experimental Achievements in Plasma Confinement and Turbulence
A. Fujisawa (NIFS)
- L11 Basic Research of Tritium Confinement at JET
D. Campbell (ITER/EFDA)
- L12 Complementary Study H. Yamada (NIFS)
- L13 Integrated Modeling of Burning Plasmas A. Fukuyama (Kyoto Univ.)
- L14 Summary K. Itoh (NIFS)

Poster Session

- P01 Measurement of plasma turbulence structures with a two-dimensional
movable probe in LMD-U
H. Arakawa (Kyushu Univ.)
- P02 Measurement of Radial Structure of Alfvén Eigenmodes Using H α -Detector
Array in the Large Helical Device
K. Ogawa (Nagoya Univ.)
- P03 Turbulence measurement with microwave imaging reflectometry in
TPE-RX
Z. Shi (Soken-dai)
- P04 Characteristics of Edge MHD Modes Observed in the LHD Plasmas with
Externally Applied Magnetic Perturbations
F. Watanabe (NIFS)
- P05 LIF measurement of neutrals interacting with ion flow
K. Ogiwara (Kyushu Univ.)
- P06 The structures and the characteristics of fluctuations in the Edge Transport
Barrier plasma on the Compact Helical System
M. Takeuchi (NIFS)
- P07 Experimental estimate of beta value of RT-1 plasma
Y. Yano (Univ. of Tokyo)
- P08 Production and heating of over-dense plasmas by mode-converted electron
Bernstein waves at very low toroidal field in the CHS
R. Ikeda (NIFS)
- P09 Study of hydrogen ion species in a multicusp ion source
A. Lejeune (Univ. de Provence)
- P10 Magnetic Diagnostics on the UTST Tokamak
R. Imazawa (Univ. of Tokyo)
- P11 A Multichannel, Tunable Doppler Backscattering System for
Measurements of Density Fluctuations and Turbulence Velocity
J. C. Hillesheim (UCLA)
- P12 Exploring the Role of ETG Transport in MAST
W. Guttenfelder (Univ. of Warwick)
- P13 Excitation and Propagation of Electron Bernstein Waves in Mini-RT
E. Yatsuka (Univ. of Tokyo)

- P14 Investigation of Competitive Behavior between Drift Mode and Flute Mode in Linear Cylindrical ECR Plasmas
K. Kamataki (Kyushu Univ.)
- P15 Measurement of Neutral Temperature of Helium Plasmas in MAP-II divertor simulator
K. Suzuki (Univ. of Tokyo)
- P16 Development of a He⁰ beam for confined alpha particle measurement
N. Tanaka (Tohoku Univ.)
- P17 Ion velocity in a coherent instability of a linear magnetized plasma
C. Rebont (Univ. de Provence)
- P18 High Density Plasma Produced by Particle Injection Electrode Biasing in TU-Heliac
H. Utoh (Tohoku Univ.)
- P19 Heating of First Mirrors for Millimetre Waves in ITER
M. Salewski (Tech. Univ. of Denmark)
- P20 Development of a neutron measurement method for burning control planned on ITER experiments
K. Okada (Tohoku Univ.)
- P21 Investigation of observed H_α intensity fluctuations in the edge region of Aditya Tokamak
R. Manchanda (Institute for Plasma Research)
- P22 Thermal Quench in ADITYA Discharges
Y. Shankara (Institute for Plasma Research)
- P23 The effect of surface water on tritium release behavior from Li₂TiO₃
T. Hanada (Kyushu Univ.)
- P24 DETRITIATION BY USING DISTILLATION COLUMN
M. Koga (Kyushu Univ.)
- P25 BEHAVIOR OF HYDROGEN ISOTOPE IN Li-Pb LIQUID BLANKET
Y. EDAO (Kyushu Univ.)
- P26 Oxidation performance of hydrogen isotope by honeycomb type of catalyst
Y. Shinozaki (Kyushu Univ.)
- P27 Study of isotope exchange reactions on ceramic breeder materials deposited with noble metal
K. Mochizuki (Kyushu Univ.)
- P28 The tritium release behavior from solid breeder materials in ITER-Test Blanket Module
K. Suematsu (Kyushu Univ.)
- P29 Study of elementary processes of plasma-wall interaction in fusion devices: absorption of atomic hydrogen on a graphite surface
C. Thomas (Univ. de Provence)
- P30 Gasification of Bred HTO from ITER TBM Using PEMFC
Y. Mamiya (Kyushu Univ.)
- P31 Surface temperature effects on hydrogen recycling and impurity emission from a molybdenum movable limiter in TRIAM-1M Tokamak
R. Bhattacharyay (Kyushu Univ.)
- P32 Behavior of desorption of hydrogen, helium and impurities from cryo-sorption pump
M. Terashita (Kyushu Univ.)
- P33 In-situ and ex-situ sampling of dust particles formed due to interaction between graphite and deuterium helicon plasmas
S. Iwashita (Kyushu Univ.)
- P34 Nonlinear Processes in Geodesic Acoustic Modes
M. Sasaki (Univ. of Tokyo)
- P35 Multiscaling Analysis of Spatio-temporal Dynamics of Impurity Transport in Drift Wave Turbulence
S. Futatani (Univ. de Provence)
- P36 linear delta-f Neoclassical Plasma Simulation in Helical Systems
A. Matsuyama (Kyoto Univ.)
- P37 Nonlinear Dynamics of Magnetic Islands Imbedded in Small Turbulence
M. Muraglia (Univ. de Provence)
- P38 SELF-CONSISTENT ANALYSIS OF FUNDAMENTAL AND HIGHER HARMONIC ICRF HEATING IN TOKAMAK PLASMAS
H. Nuga (Kyoto Univ.)
- P39 One dimensional plasma kinetic simulation of wave-particle interactions
M. Lesur (JAEA)
- P40 Nonlinear Simulation of Plasma Blob and Convective Transport in the SOL
S. Sugita (Kyushu Univ.)
- P41 1D fluid model of plasma profiles in the LHD divertor leg
G. Kawamura (NIFS)

- P42 SIMULATION OF EDGE-LOCALISED-MODES IN A TOKAMAK
S. PAMELA (CEA Cadarache)
- P43 Transport simulation of the tokamak scrape-off layer using particle-in-cell code
A. Froese (Kyushu Univ.)
- P.44 Impact of Plasma Edge Region on Neutral Transport in Plasma Confinement Devices
Y. Higashizono (Kyushu Univ.)
- P45 Multi-scale transport simulation of internal transport barrier
S. Tokunaga (Kyushu Univ.)
- P46 Feasibility Study of Local Three-dimensional Toroidal Plasma Tomography Using Phillips- Tikhonov Regularization Method
S.H.Lee (KAIST)
- P47 Gyrokinetic Analysis of Vortex Structure and Turbulent Transport in Slab Electron Temperature Gradient Driven Turbulence
M. Nakata (Soken-dai)
- P48 Nonlinear dynamics of rotating drift-tearing mode in tokamak plasmas
S. Nishimura (Kyushu Univ.)
- P49 Nonlinear double tearing evolution with Kelvin-Helmholtz instability
T. Voslin (Univ. de Provence)