

APPENDIX 5. List of Publications I (NIFS Series)

- NIFS-871 M. Nunami, R. Kannno, S. Satake H. Takamaru, H. Sugama and M. Okamoto
Neoclassical Transport Analysis around An $m/n = 1/1$ Magnetic Island
Mar. 2007
- NIFS-872 A. Ito, H. Nakamura and A. Takayama
Chemical Reaction between Single Hydrogen Atom and Graphene
Apr. 2007
- NIFS-873 R. Kanno, M. Nunami, S. Satake, H. Takamaru and M. Okamoto
Transport Modeling of Edge Plasma in an $m/n=1/1$ Magnetic Island
June 2007
- NIFS-874 R. Preuss, H. Yamada, M. Osakabe, S. Sakakibara, K. Tanaka, K.Y. Watanabe and A. Dinklage
Determination of Uncertainties in the Machine Variables of LHD and CHS for Confinement Time
Scaling
July 2007
- NIFS-875 H. Nakamura and A. Takayama, A. Ito
Molecular Dynamics Simulation of Hydrogen Isotope Injection into Graphene
July 2007
- NIFS-876 N. Hayashi, T. Takizuka, N. Aibe, T. Ozeki, N. Oyama
Integrated ELM Simulation with Edge MHD Stability and Transport of SOL-divertor Plasmas
July 2007
- NIFS-877 M. Rajkovic, M. Skoric, K. Solna, G. Antar
Characterization of Local Turbulence in Magnetic Confinement Devices
July 2007
- NIFS-878 S. Ferrando-Margalet, H. Sugama, T.-H. Watanabe
Zonal Flows and Ion Temperature Gradient Instabilities in Multiple-helicity Magnetic Fields
Aug. 2007
- NIFS-879 Y. Tomita, R. Smirnov, T. Takizuka and D. Tskhakaya
Effect of Oblique Magnetic Field on Release Conditions of Dust Particle from Plasma-Facing Wall
Aug. 2007
- NIFS-880 K. Minami
Design Study of a Plasma-Loaded CRM Using TPD-II Machine
Aug. 2007
- NIFS-881 K. Shimizu, T. Takizuka, H. Kawashima
Extension of IMPMC Code toward Time Evolution Simulation
Aug. 2007
- NIFS-882 N. Hatano, K. Sasada, H. Nakamura and T. Petrosky
Some Properties of the Resonant in Quantum Mechanics and its Computation
Aug. 2007
- NIFS-883 H. Nakamura, N. Hatano, S. Garmon and T. Petrosky
Quasi-bound States in Continuum
Aug. 2007
- NIFS-884 M. Nishiura, H. Tawara, T. Ido, A. Shimizu, V.P. Shevelko and LHD experimental group
Interactions of Intermediate Energy Au Ions with Gases and Plasmas: Application to Plasma
Diagnostics
Jan. 2008

- NIFS-885 H.Sugama and S. Nishimura
Moment-equation Methods for Calculating Neoclassical Transport Coefficients in General Toroidal Plasmas
Jan. 2008
- NIFS-DATA-100 K. Okuno
Low Energy Cross Section Data for Ion-molecule Reactions in Hydrogen Systems and for Charge Transfer of Multiply Charged Ions with Atoms and Molecules
Apr. 2007
- NIFS-DATA-101 M. Hoshino, H. Kato, C. Makochekekanwa, S.J. Buckman, M.J. Brunger, H. Cho, M. Kimura, D. Kato, I. Murakami, T. Kato and H. Tanaka
Elastic Differential Cross Sections for Electron Collisions with Polyatomic Molecules
Jan. 2008
- NIFS-MEMO-54 Radiation Control Safety Office/Safety Hygiene Protection Bureau, Safety and Environmental Research Center, National Institute for Fusion Science
Report on Administrative Work for Radiation Safety from April 2006 to March 2007
Oct. 2007
- NIFS-MEMO-55 Proceedings of Symposium on Technology in Laboratories by Department of Engineering and Technical Services
Mar. 2008
- NIFS-PROC-66 Heiji Sanuki
SOKENDAI Lecture Series "Mathematics for Physics" Selected Topics on Nonlocal Analysis of Plasma Waves and WKB Method (Lecture Series-II)
Apr. 2007
- NIFS-PROC-67 K. Ichiguchi (Ed.)
Proceedings of Joint Workshop of NIFS Cooperative Programs 2006 for MHD Theory and Related Topics
Aug. 2007
- NIFS-PROC-68 (Ed.) K. Kawahata
Proceedings of the 13th International Symposium on LASER-AIDED PLASMA DIAGNOSTICS 18-21 September, 2007 Hida Hotel Plaza, Takayama, Japan
Sep. 2007
- NIFS-PROC-69 (I) 1 - 438 Joint Conference of 17th International Toki Conference on Physics of Flows and Turbulence in Plasmas and 16th International Stellarator/Heliotron Workshop 2007, Proceedins (I), Ceratopia Toki, Gifu, Japan, October 15-19, 2007
Jan. 2008
- NIFS-PROC-69 (II) 439 - 861 Joint Conference of 17th International Toki Conference on Physics of Flows and Turbulence in Plasmas and 16th International Stellarator/Heliotron Workshop 2007, Proceedins (II), Ceratopia Toki, Gifu, Japan, October 15-19, 2007
Jan. 2008
- NIFS-PROC-70 (Eds.) Z.Z. Gu and T. Norimatsu
Proceedings of JSPS-CAS Core University Program Seminar on Target Materials, July 28 - Aug. 1, 2007, Huangshan, Anhui
Feb. 2008