

APPENDIX 5. List of Publications I (NIFS Series)

- NIFS-1020 R. Kanno, M. Nunami, S. Satake, H. Takamaru and M. Okamoto
Radial Thermal Diffusivity of Toroidal Plasma Affected by Resonant Magnetic Perturbations
Apr. 01, 2012
- NIFS-1021 O. Kaneko for the LHD experiment group
Extension of Operation Regimes and Investigation of Three-dimensional Current-less Plasmas in the Large Helical Device
Nov.15, 2012
- NIFS-1022 K. Ida, Z. Shi, H.J. Sun, S. Inagaki, K. Kamiya, J.E. Rice, N. Tamura, P.H. Diamond, T. Estrada, C. Hidalgo, X.L. Zou, G. Dif-Pradalier, T.S. Hahm, U. Stroth, A. Field, K. Itoh, X.T. Ding, J. Dong, S.-I. Itoh, Y. Sakamoto and S. Oldenburger
Towards an Emerging Understanding of Non-local Transport
Nov.15, 2012
- NIFS-1023 N. Nakajima, IFERC project team, JA IFERC-home team, EU IFERC-home team, and collaborators of IFERC project
Overview of IFERC Project in Broader Approach Activities
Nov.15, 2012
- NIFS-1024 H. Takahashi, M. Osakabe, K. Nagaoka, S. Murakami, I. Yamada, Y. Takeiri, M. Yokoyama, H. Lee, K. Ida, R. Seki, C. Suzuki, M. Yoshinuma, T. Ido, A. Shimizu, M. Goto, S. Morita, T. Shimozuma, S. Kubo, S. Satake, S. Matsuoka, N. Tamura, H. Tsuchiya, K. Tanaka, M. Nunami, A. Wakasa, K. Tsumori, K. Ikeda, H. Nakano, M. Kasaki, Y. Yoshimura, M. Nishiura, H. Igami, T. Seki, H. Kasahara, K. Saito, R. Kumazawa, S. Muto, K. Narihara, T. Mutoh, O. Kaneko, H. Yamada and the LHD experiment group
Extension of Operational Regime in High-Temperature Plasmas and the Dynamic-Transport Characteristics in the LHD
Nov.15, 2012
- NIFS-1025 M. Kobayashi, S. Masuzaki, I. Yamada, Y. Narushima, C. Suzuki, N. Tamura, B.J. Peterson, S. Morita, C.F. Dong, N. Ohno, S. Yoshimura, Y. Feng, M. Goto, K. Sato, T. Akiyama, K. Tanaka, and the LHD experimental group
Control of 3D edge radiation structure with resonant magnetic perturbation fields applied to the stochastic layer and stabilization of radiative divertor plasma in LHD
Nov.15, 2012
- NIFS-1026 Y. Suzuki, S. Sakakibara, K. Nagasaki, K. Ida, M. Yoshinuma, K. Kamiya, K. Y. Watanabe, S. Ohdachi, Y. Takemura, R. Seki, K. Nagaoka, K. Ogawa, S. Inagaki, Y. Narushima, H. Yamada and the LHD experiment group
3D plasma response to magnetic field structure in the Large Helical Device
Nov.15, 2012
- NIFS-1027 S. Inagaki, T. Tokuzawa, N. Tamura, S.-I. Itoh, T. Kobayashi, K. Ida, T. Shimozuma, S. Kubo, K. Tanaka, T. Ido, A. Shimizu, H. Tsuchiya, N. Kasuya, Y. Nagayama, K. Kawahata, S. Sudo, H. Yamada, A. Fujisawa, K. Itoh, and LHD Experiment Group
Is Turbulence Determined by Local Temperature Gradient?
Nov.15, 2012
- NIFS-1028 T. Mutoh, T. Seki, R. Kumazawa, K. Saito, H. Kasahara, R. Seki, S. Kubo, T. Shimozuma, Y. Yoshimura, H. Igami, H. Takahashi, M. Shoji, J. Miyazawa, M. Nishiura, Y. Nakamura, M. Tokitani, N. Ashikawa, S. Masuzaki, H. Idei, G. Nomura, A. Murakami, R. Sakamoto, G. Motojima, Y.P. Zhao, J.G. Kwak, Y. Takeiri, H. Yamada, O. Kaneko, A. Komori and LHD Experiment group
Steady State Operation Using Improved ICH Antenna and ECH for High Performance Plasma in LHD
Nov.15, 2012
- NIFS-1029 S. Kitajima, H. Takahashi, K. Ishii, Y. Sato, M. Kanno, J. Tachibana, A. Okamoto, M. Sasao, S. Inagaki, M. Takayama, S. Masuzaki, M. Shoji, N. Ashikawa, M. Tokitani, M. Yokoyama, Y. Suzuki, S. Satake, T. Ido, A. Shimizu, C. Suzuki, Y. Nagayama, T. Tokuzawa, K. Nishimura, T. Morisaki and LHD Experiment Group
Transition of Poroidal Viscosity by Electrode Biasing in the Large Helical Device
Nov.15, 2012
- NIFS-1030 K. Toi, S. Ohdachi, Y. Suzuki, F. Watanabe, K. Tanaka, S. Sakakibara, K. Ogawa, M. Isobe, X.D. Du, T. Akiyama, M. Goto, K. Ida, S. Masuzaki, T. Morisaki, S. Morita, K. Narihara, Y. Narushima, T. Tokuzawa, I. Yamada, R. Yasuhara, M. Yoshinuma, K. Kawahata, H. Yamada and LHD Experiment Group
Mitigation of Large Amplitude Edge-Localized-Modes by Resonant Magnetic Perturbations on the Large Helical Device
Nov.15, 2012
- NIFS-1031 S. Sakakibara, Y. Narushima, Y. Takemura, M. Okamoto, K. Y. Watanabe, Y. Suzuki, S. Ohdachi, K. Ida, M. Yoshinuma, K. Tanaka, T. Tokuzawa, K. Narihara, I. Yamada, H. Yamada and LHD Experiment Group
Response of MHD Stability to Resonant Magnetic Perturbation in the Large Helical Device
Nov.15, 2012
- NIFS-1032 Shin Kajita, Masakatsu Fukumoto, Masayuki Tokitani, Tomohide Nakano, Suguru Masuzaki, Noriyasu Ohno, Shuichi Takamura, Naoaki Yoshida and Yoshio Ueda
Impact of Arcing on Carbon and Tungsten: from the Observations in JT-60U, LHD, and NAGDIS-II
Nov.15, 2012
- NIFS-1033 S. Morita, C.F. Dong, M. Kobayashi, M. Goto, I. Murakami, E.H. Wang, N. Ashikawa, Z.Y. Cui, K. Fujii, M. Hasuo, L.Q. Hu, H. Kasahara, D. Kato, F. Koike, S. Masuzaki, T. Mutoh, K. Saito, H.A. Sakaue, T. Seki, T. Shikama, C. Suzuki, Z.W. Wu, N. Yamaguchi, N. Yamamoto, L. Zhang, H.Y. Zhou and LHD experiment group
Low Concentration of Iron as First Wall Material in LHD plasmas with Edge Ergodic Layer
Nov.15, 2012
- NIFS-1034 T. Morisaki, S. Masuzaki, M. Kobayashi, M. Shoji, J. Miyazawa, R. Sakamoto, G. Motojima, M. Goto, H. Funaba, H. Tanaka, K. Tanaka, I. Yamada, S. Ohdachi, H. Yamada, A. Komori and LHD Experiment Group
First Results of Closed Helical Divertor Experiment in LHD
Nov.15, 2012
- NIFS-1035 Kazunori Koga, Katsushi Nishiyama, Yasuhiko Morita, Daisuke Yamashita, Kunihiro Kamataki, Giichiro Uchida, Hyunwoong Seo, Naho Itagaki, Masaharu Shiratani, Naoko Ashikawa, Suguru Masuzaki, Kiyohiko Nishimura, Akio Sagara, and the LHD Experimental Group
Control of Dust Flux in LHD and in a Divertor Simulator
Nov.15, 2012
- NIFS-1036 Y. Yoshimura, H. Igami, S. Kubo, T. Shimozuma, H. Takahashi, M. Nishiura, S. Ohdachi, S. Sakakibara, G. Motojima, K. Tanaka, K. Ida, M. Yoshinuma, C. Suzuki, S. Ogasawara, R. Makino, H. Idei, R. Kumazawa, T. Mutoh, H. Yamada and LHD experiment group
Electron Bernstein Wave Heating and Electron Cyclotron Current Drive by Use of Upgraded ECH System in LHD
Nov.15, 2012

- NIFS-1037 K.Tanaka, L.N. Vyacheslavov, K. Toi, T. Kobayashi, S. Inagaki, C.A. Michael, D. R. Mikkelsen, J.A. Baumgaertel, G. Hammett, W. Guttenfelder, T. Evans, Y. Takemura, S. Sakakibara, Y. Suzuki, M. Yoshinuma, C. Suzuki, K. Ida, I. Yamada, R. Yasuhara, K. Narihara, T. Akiyama, T. Tokuzawa, K. Kawahata S. Morita, T. Morisaki and the LHD experiment group
Characteristics of micro turbulence in H-mode plasma of LHD
Nov.15, 2012
- NIFS-1038 T.-H. Watanabe, M. Nunami, H. Sugama, S. Satake, S. Matsuoaka, A. Ishizawa, S. Maeyama and K. Tanaka
Turbulence spectra, transport, and ExB flows in helical plasmas
Nov.15, 2012
- NIFS-1039 S. Toda and K. Itoh
Transport Analysis of Oscillatory State for Plasma Dynamics in Helical Plasmas
Nov.15, 2012
- NIFS-1040 A. Ishizawa, S. Maeyama, T.-H. Watanabe, H. Sugama and N. Nakajima
Turbulent Transport due to Kinetic Ballooning Modes in High-Beta Toroidal Plasmas
Nov.15, 2012
- NIFS-1041 S. Satake, J.-K. Park, H. Sugama and R. Kanno
Drift-kinetic Simulation Studies on Neoclassical Toroidal Viscosity in Tokamaks with Small Magnetic Perturbations
Nov.15, 2012
- NIFS-1042 K. Ichiguchi, S. Sakakibara, S. Ohdachi and B. A. Carreras
Multi-Scale MHD Analysis of Heliotron Plasma in Change of Background Field
Nov.15, 2012
- NIFS-1043 M. Sato, N. Nakajima, K. Y. Watanabe, Y. Todo and Y. Suzuki
Characteristics of MHD Stability of High Beta Plasmas in LHD
Nov.15, 2012
- NIFS-1044 N. Mizuguchi, A. Sanpei, K. Oki, S. Masamune, H. Himura, K. Ichiguchi and Y. Todo
Numerical Modeling of Formation of Helical Structures in Reversed-Field-Pinch Plasma
Nov.15, 2012
- NIFS-1045 H. Wang, Y. Todo, and C. C. Kim
Linear Properties and Nonlinear Frequency Chirping of Energetic Particle Driven Geodesic Acoustic Mode in LHD
Nov.15, 2012
- NIFS-1046 A. Iwamoto, T. Fujimura, H. Sakagami, M. Nakai, T. Norimatsu, H. Shiraga, H. Azechi
FIREX Foam Cryogenic Target Development – Attempt of Residual Voids Reduction with Solid Hydrogen Refractive Index Measurement -
Nov.15, 2012
- NIFS-1047 R. Minami, T. Kariya, T. Imai, T. Numakura, Y. Endo, H. Nakabayashi, T. Eguchi, T. Shimoizuma, S. Kubo, Y. Yoshimura, H. Igami, H. Takahashi, T. Mutoh, S. Ito, H. Idei, H. Zushi, Y. Yamaguchi, K. Sakamoto, Y. Mitsunaka and GAMMA 10 Group
Development of MW Gyrotrons for Fusion Devices by University of Tsukuba
Nov.15, 2012
- NIFS-1048 T. Hino, Y. Yamauchi, Y. Kimura, A. Matsumoto, K. Nishimura, Y. Ueda
Performances of Helium, Neon and Argon Glow Discharges for Reduction of Fuel Hydrogen Retention in Tungsten, Stainless Steel and Graphite
Nov.15, 2012
- NIFS-1049 T. Muroga, D.K. Sze, K. Okuno, T. Terai, A. Kimura, R.J. Kurtz, A. Sagara, R. Nygren, Y. Ueda, R.P. Doerner, B.J. Merrill, T. Kunugi, S. Smolentsev, Y. Hatano, M.A. Sokolov, T. Yamamoto, A. Hasegawa, Y. Katoh
Research on Tritium/Heat Transfer and Irradiation Synergism for First Wall and Blanket in the TITAN Project
Nov.15, 2012
- NIFS-1050 J. Miyazawa, M. Yokoyama, Y. Suzuki, S. Satake, R. Seki, Y. Masaoka, S. Murakami, Y. Narushima, M. Nunami, T. Goto, C. Suzuki, H. Funaba, I. Yamada, R. Sakamoto, G. Motojima, H. Yamada, A. Sagara, and the FFHR Design Group
Multifarious Physics Analyses of the Core Plasma Properties in a Helical DEMO Reactor FFHR-d1
Nov.15, 2012
- NIFS-1051 T. Tanaka, A. Sagara, T. Goto, N. Yanagi, S. Masuzaki, H. Tamura, J. Miyazawa, T. Muroga, the FFHR Design Group
Neutronics design of helical type DEMO reactor FFHR-d1
Nov.15, 2012
- NIFS-1052 N. Yanagi, A. Sagara, T. Goto, S. Masuzaki, J. Miyazawa
Divertor Heat Flux Reduction by Resonant Magnetic Perturbations in the LHD-Type Helical DEMO Reactor
Nov.15, 2012
- NIFS-1053 T. Ido, M. Osakabe, A. Shimizu, M. Nishiura, T. Itoh, Y. Yoshimura, K. Toi, K. Ogawa, K. Itoh, T. Watari, S. Satake, M. Nakamura, M. Isobe, K. Nagaoka, S. Yamamoto, S. Kato, R. Makino, and LHD experiment group
Observation of a new energy channel from energetic particles to bulk ions through geodesic acoustic mode
Nov.15, 2012
- NIFS-1054 K. Ogawa, M. Isobe, K. Toi, D. A. Spong, M. Osakabe, S. Yamamoto and LHD experiment group
Study on TAE-Induced Fast-Ion Loss Process in LHD
Nov.15, 2012
- NIFS-1055 A. Nishimura, S. Nogami, E. Wakai
Cyclic Stress-Strain Curve for Low Cycle Fatigue Design and Development of Small Specimen Technology
Nov.15, 2012
- NIFS-1056 H. Azechi, Y. Fujimoto, S. Fujioka, A. Iwamoto, T. Jitsuno, T. Johzaki, M.H. Key, R. Kodama, M. Koga, K. Kondo, J. Kawanaka, K. Mima, N. Miyanaga, M. Murakami, H. Nagatomo, M. Nakai, T. Nakazato, Y. Nakao, K. Nishihara, H. Nishimura, T. Norimatsu, P. Norreys, T. Ozaki, J. Pasley0, H. Sakagami, Y. Sakawa, N. Sarukura, K. Shigemori, T. Shimizu, H. Shiraga, A. Sunahara, T. Taguchi, K. Tsubakimoto
Present Status of Fast Ignition Realization EXperiment (FIREX) and Inertial Fusion Energy Development
Nov.15, 2012

- NIFS-1057 S. Yamamoto, E. Ascasíbar, R. Jiménez-Goméz, S. Kobayashi, S. Ohshima, K. Nagaoka, D. Spong, B. Blackwell, D. Pretty, K. Nagasaki, T. Mizuuchi, H. Okada, T. Minami, Y. Nakamura, S. Konoshima, N. Shi, T. Estrada, M.A. Ochando, D. López-Bruna, K. Mukai, H.Y. Lee, L. Zang and F. Sano
Studies of Energetic-ion-driven MHD Instabilities in Helical Plasmas with Low Magnetic Shear
Nov.15, 2012
- NIFS-1058 H. Zushi, S. Tashima, M. Ishiguro, M. Hasegawa, S. Banerjee, N. Nishino, M. Isobe, K. Hanada, H. Idei, K. Nakamura, A. Fujisawa, Y. Nagashima, K. Matsuoka, S.K. Sharma, H. Liu, K. Toi, T. Maekawa, A. Ejiri, T. Yamaguchi, J. Hiratsuka, Y. Takase, M. Kikuchi, A. Fukuyama, Y. Ueda, O. Mitarai, S. Okamura
Non-inductive Current Start-up and Plasma Equilibrium with an Inboard Poloidal Field Null by Means of Electron Cyclotron Waves in QUEST
Nov.15, 2012
- NIFS-1059 T. Mizuuchi, F. Sano, K. Nagasaki, H. Okada, T. Minami, S. Kobayashi, S. Yamamoto, S. Ohshima, Y. Nakamura, S. Konoshima, N. Shi, H.Y. Lee, L. Zang, H. Watada, S. Arai, H. Fukushima, K. Hashimoto, N. Kenmochi, Y. Nagae, Y.I. Nakamura, M. Sha, Y. Sugimoto, K. Yasuda, K. Kasajima, K. Yamamoto, T. Kagawa, K. Mizuno, T.Y. Minami, Y. Wada, H. Yashiro, K. Mukai, N. Nishino, K. Kado, M. Takeuchi, Y. Nakashima, G. Weir, F. Volpe, L. Yan0, T. Estrada
Study of Fuelling Control for Confinement Experiments in Heliotron J
Nov.15, 2012
- NIFS-1060 S. Ohshima, K. Hashimoto, S. Kobayashi, S. Yamamoto, K. Nagasaki, T. Mizuuchi, H. Okada, T. Minami, S. Konoshima, H.Y. Lee, L. Zang, K. Kasajima, Y. Nagae, K. Mukai, N. Shi, H. Matsuura, M. Takeuchi and F. Sano
Edge Plasma Response to beam-driven MHD Instability in Heliotron J
Nov.15, 2012
- NIFS-1061 H. Idei, H. Zushi, K. Hanada, E. Kalinnikova, M. Sakaguchi, T. Itado, K. Nakamura, A. Fujisawa, Y. Nagashima, M. Hasegawa, K. Matsuoka, A. Fukuyama, S. Tashima, H. Watanabe, N. Yoshida, K. Tokunaga, A. Ejiri, H. Igami, S. Kubo, K. Toi, M. Isobe, K. Nagaoka, H. Nakanishi, N. Nishino, S. Kawasaki, H. Nakashima, A. Higashijima, Y. Ueda, M. Kikuchi, T. Fujita, O. Mitarai, T. Maekawa and Y. Takase
Electron Bernstein Wave Heating and Current Drive Effects in QUEST
Nov.15, 2012
- NIFS-1062 K. Nagasaki, S. Yamamoto, H. Yoshino, K. Sakamoto, N. B. Marushchenko, Y. Turkin, T. Mizuuchi, H. Okada, K. Hanatani, T. Minami, K. Masuda, S. Kobayashi, S. Konoshima, M. Takeuchi, Y. Nakamura, S. Ohshima, K. Mukai, H. Y. Lee, K. Mizuno, Y. Yoshimura, G. Motojima, Á. Cappa, B. Blackwell, F. Sano
Experimental Study of Second Harmonic ECCD in Heliotron J
Nov.15, 2012
- NIFS-1063 Y. Nakashima, M. Sakamoto, M. Yoshikawa, H. Takeda, K. Ichimura, K. Hosoi, M. Hirata, M. Ichimura, R. Ikezoe, T. Imai, T. Kariya, I. Katanuma, J. Kohagura, R. Minami, T. Numakura, K. Oki, H. Ueda, N. Asakura, T. Furuta, A. Hatayama, Y. Hirooka, S. Kado, S. Masuzaki, H. Matsuura, S. Nagata, N. Nishino, N. Ohno, A. Sagara, T. Shikama, M. Shoji, M. Toma, A. Toneyawa and Y. Ueda
Plasma Characteristics of the End-cell of the GAMMA 10 Tandem Mirror for the Divertor Simulation Experiment
Nov.15, 2012
- NIFS-1064 H. Shiraga, S. Fujioka, M. Nakai, T. Watari, H. Nakamura, Y. Arikawa, H. Hosoda, T. Nagai, M. Koga, K. Shigemori, H. Nishimura, Z. Zhang, M. Tanabe, Y. Sakawa, T. Ozaki, K. A. Tanaka, H. Habara, H. Nagatomo, T. Johzaki, A. Sunahara, M. Murakami, H. Sakagami, T. Taguchi, T. Norimatsu, H. Homma, Y. Fujimoto, A. Iwamoto, N. Miyana, J. Kawanaka, T. Jitsuno, Y. Nakata, K. Tsubakimoto, K. Sueda, N. Sarukura, T. Shimizu, K. Mima and H. Azechi
Fast Ignition Integrated Experiments with Gekko-XII and LFEX Lasers
Nov.15, 2012
- NIFS-1065 H. Nagatomo, T. Johzaki, A. Sunahara, K. Mima, H. Sakagami, S. Fujioka, H. Shiraga, H. Azechi
Computational Study of the Strong Magnetic Field Generation in Non-Spherical Cone-Guided Implosion
Nov.15, 2012
- NIFS-1066 Y. Arikawa, H. Hosoda, T. Nagai, T. Johzaki, T. Sogo, Y. Ishii, Z. Zhang, M. Koga, S. Fujioka, N. Sarukura, M. Nakai, H. Nishimura, H. Shiraga, H. Azechi
Study on the energy transfer efficiency in the fast ignition experiment by using advanced diagnostics
Nov.15, 2012
- NIFS-1067 S.E.Sharapov, B.Alper, H.L.Berk, D.N.Borba, B.N.Breizman, C.D.Challis, I.G.J.Classen, E.M.Edlund, J.Eriksson, A.Fasoli, E. D.Fredrickson, G.Y.Fu, M.Garcia-Munoz, T.Gassner, K.Ghantous, V.Goloborodko, N.N.Gorelenkov, M.P.Gryaznevich, S. Haquin, W.W.Heidbrink, C.Hellesen, V.G.Kiptily, G.J.Kramer, P.Lauber, M.K.Lilley, M.Lisak, F.Nabais, R.Nazikian, R. Nyqvist, M.Osakabe, C.Perez von Thun, S.D.Pinches, M.Podesta, M.Porkolab, K.Shinohara, K.Schoepf, Y.Todo, K.Toi, M.A. Van Zeeland, I.Voitsekhovich, R.B.White, V.Yavorskij, ITPA EP TG, JET-EFDA Contributors
Energetic Particle Instabilities in Fusion Plasmas
Nov.15, 2012
- NIFS-1068 A. Dinklage, M. Yokoyama, K. Tanaka, J.L. Velasco, D. López-Bruna, C.D. Beidler, E. Ascasíbar, J. Arévalo, J. Baldzuhn, Y. Feng, D. Gates, J. Geiger, K. Ida, M. Jakubowski, A. López-Fraguas, H. Maaßberg, J. Miyazawa, T. Morisaki, S. Murakami, N. Pablant, S. Kobayashi, R. Seki, C. Suzuki, Y. Suzuki, Yu. Turkin, A. Wakasa, R. Wolf, H. Yamada, M. Yoshinuma, LHD Exp. Group, TJ-II Team and W7-AS Team
Inter-Machine Validation Study of Neoclassical Transport Modeling in Medium- to High-Density Stellarator-Heliotron Plasmas
Nov.15, 2012
- NIFS-1069 M.W. Jakubowski, P. Drewelow, S. Masuzaki, K. Tanaka, T. Akiyama, S. Bozhnikov, A. Dinklage, M. Kobayashi, T. Morisaki, Y. Narushima, S. Sakakibara, Y. Suzuki, R. Wolf, H. Yamada
Influence of the resonant magnetic perturbations on particle transport in LHD
Nov.15, 2012
- NIFS-1070 M. Koubiti, M. Goto, S. Morita, S. Ferri, L. Godbert-Mouret, Y. Marandet, J. Rosato, R. Stamm
Improvement of the Spectroscopic Investigation of Pellet Ablation Clouds
Nov.15, 2012
- NIFS-1071 J.D. Hanson, S.A. Lazerson, D.T. Anderson, M. Cianciosa, P. Franz, D.A. Gates, J.H. Harris, S.P. Hirshman, K. Ida, S.F. Knowlton, L.L. Lao, E.A. Lazarus, L. Marrelli, D. A. Maurer, N. Pablant, S. Sakakibara, J.C. Schmitt, A.C. Sontag, B.A. Stevenson, Y. Suzuki, D. Terranova
Non-Axisymmetric Equilibrium Reconstruction for Stellarators, Reversed Field Pinches and Tokamaks
Nov.15, 2012

- NIFS-1072 D. Douai, T. Wauters A. Lysoivan, V. Philipps, V. Rohde, S.H. Hong, N. Ashikawa, V. Bobkov, S. Brémond, S. Brezinsek, M. Graham, E. Joffrin, G. Lombard, S. H. Kim, A. Kreter, D. Kogut, M.-L. Mayoral, J.-M. Noterdaeme, J. Ongena, B. Pégourié, R. A. Pitts, G. Sergienko, M. Shimada, S. J. Wang, the TORE SUPRA Team, the TEXTOR Team, the ASDEX Upgrade Team, the KSTAR team, JET EFDA Contributors and the ITPA Topical Group on Scrape-Off-Layer & Divertor
Overview of the International Research on Ion Cyclotron Wall Conditioning
Nov.15, 2012
- NIFS-1021 -1072 Collection of NIFS Collaboration Research 24th IAEA Fusion Energy Conference
(8-13 October 2012, San Diego, USA)
Jan. 04, 2013
- NIFS-DATA-114 T. Ono, M. Ono, K. Shibata, T. Kenmotsu, Z. Li, T. Kawamura
Calculation of Sputtering Yield with Obliquely Incident Light-Ions (H^+ , D^+ , T^+ , He^+) and its Representation by an Extended Semi-empirical Formula
Apr. 13, 2012
- NIFS-MEMO-61 M. Yokoyama
TASK3D-a (TASK3D Analysis Suite) documentation
Nov. 19, 2012 (in English)
- NIFS-MEMO-62 Radiation Control Office/Division for Health and Safety Promotion National Institute for Fusion Science
Report on Administrative Work for Radiation Safety from April 2011 to March 2012
Dec. 10, 2012 (in Japanese)
- NIFS-MEMO-63 Task Force Committee on Fusion Energy Assessment at the Japan Society of Plasma Science and Nuclear Fusion Research
Report on Characteristics of Fusion Energy and Safety/Security Issues for Fusion Reactor
Jan. 04, 2013 (in Japanese)
- NIFS-PROC-90 (Eds.) E. Hotta and T. Ozaki
Physics and Application of Plasmas Based on Pulsed Power Technology Dec. 21-22, 2010
Apr. 01, 2012
- NIFS-PROC-91 Edited by F. Koike, C. Dong, and X. Ding
JSPS-NRF-NSFC A3 Foresight Program Seminar
Proceedings of Japan-China Joint Seminar on Atomic and Molecular Processes in Plasma
Feb. 01, 2013