

Fusion Science and Technology

CONTENTS / NOVEMBER 2005—VOL. 48, NO. 3

TECHNICAL PAPERS

- 1267** Studies of the Electrical Properties of the LHD Combline Antenna / *N. Takeuchi, T. Seki, K. Saito, T. Watari, R. Kumazawa, T. Mutoh, Y. Torii, G. Nomura, A. Kato, F. Shimpo, Y. Takase, H. Kasahara, T. Taniguchi, H. Wada, N. Kasuya, K. Yamagishi, C. P. Moeller, M. Saigusa, Z. Yanping*
- 1285** Diffusion and Permeation of Deuterium in EUROFER97: Effect of Irradiation and of Implanted Helium / *Z. Yao, C. Liu, P. Jung*
- 1292** Deuterium-Tritium Beta-Layering Within a National Ignition Facility Scale Polymer Target in the LANL Cryogenic Pressure Loader / *Peter S. Ebey, James M. Dole, Drew A. Geller, James K. Hoffer, Arthur Nobile, John D. Sheliak*
- 1299** Producing Cryogenic Deuterium Targets for Experiments on OMEGA / *D. R. Harding, T. C. Sangster, D. D. Meyerhofer, P. W. McKenty, L. D. Lund, L. Elasky, M. D. Wittman, W. Seka, S. J. Loucks, R. Janezic, T. H. Hinterman, D. H. Edgell, D. Jacobs-Perkins, R. Q. Gram*
- 1307** A Model to Characterize the D-T Layer of ICF Targets by Backlit Optical Shadowgraphy / *F. Lamy, Y. Voisin, A. Diou, M. Martin, L. Jeannot, G. Pascal, C. Hermel*
- 1320** Measurement of Neutron Emission Spectra in Li(d, xn) Reaction with Thick and Thin Targets for 40-MeV Deuterons / *M. Hagiwara, T. Itoga, N. Kawata, N. Hirabayashi, T. Oishi, T. Yamauchi, M. Baba, M. Sugimoto, T. Muroga*

DEPARTMENTS

1329 Technical Reviewers

1335 Volume 48 Indexes

v Volume 48 Contents