

Fusion Science and Technology

CONTENTS / MAY 2014—VOL. 65, NO. 3

TECHNICAL PAPERS

- 347** Theoretical Study on the Structure and Properties of Helium-Containing Zirconium Hydrides / *Qi Liang Lu, Li Qun Shi, Jian Guo Wan*
- 355** A First Simulation Study of Hydrogen Isotope Accumulation and Diffusion in Tungsten First Wall of HiPER Inertial Fusion Facility / *Nuria Moral, José Manuel Perlado, Jesús Álvarez*
- 366** Hard X-Ray Camera System Planned for HL-2A Tokamak Fast Electron Bremsstrahlung Tomography / *Y. P. Zhang, D. Mazon, Yi Liu, G. L. Yuan, H. B. Xu, B. Lu, X. Y. Song, Q. W. Yang*
- 372** Effect of Magnetic Materials on the In-Vessel Magnetic Configuration in KSTAR / *S. W. Yoon, A. C. England, W. C. Kim, H. Yonekawa, J. G. Bak, B. H. Park, J. Kim, K. I. You, Y. M. Jeon, S. H. Hahn, Y. K. Oh, J. Chung, K. D. Lee, H. J. Lee, J. A. Leuer, N. W. Eidietis*
- 384** Preliminary Stability Analysis of the CFETR Central Solenoid Conductors / *Huan Wu, Yuntao Song, Xufeng Liu, Shuangsong Du, Xiang Ji, Kaizhong Ding, Jinxiang Zheng, Sumei Liu, Kun Lu*
- 391** Analysis of the Interlayer Joint Resistance of the Superconducting Coils of W7-X / *Manfred Wanner, Konrad Risse, Thomas Rummel*
- 399** Feasibility of ECE Measurements Using Hilbert-Transform Spectral Analysis / *Yuriy Divin, Hitesh Kumar B. Pandya*
- 406** Toroidal Field Analysis of the J-TEXT Tokamak / *H. Tan, M. Zhang, B. Rao, Y. Yang, Y. H. Ding, G. Zhuang*

INDEXES/CONTENTS

- 413** Volume 65 Author Index
- 415** Volume 65 Subject Index
- iii Volume 65 Contents

