

Fusion Science and Technology

CONTENTS / NOVEMBER 2012—VOL. 62, NO. 3

TECHNICAL PAPERS

- 375** A Simple Technique for Increasing the Temperature Range of a Cryogenic Frozen-Gas Pellet Injector for Operation with Various Gases / *K. J. Caspary, B. E. Chapman, S. P. Oliva, S. T. A. Kumar*
- 379** Dynamically Similar Studies of the Thermal Performance of Helium-Cooled Finger-Type Divertors With and Without Fins / *B. H. Mills, J. D. Rader, D. L. Sadowski, M. Yoda, S. I. Abdel-Khalik*
- 389** Mode Content Analysis for ECH Transmission Lines by Burn Pattern and Nonlinear Optimization / *K. Ohkubo, S. Kubo, T. Shimozuma, Y. Yoshimura, H. Igami, S. Kobayashi*

Selected Papers from SEVENTH FUSION DATA VALIDATION WORKSHOP 2012 (Part 2)

- 403** Automated Analysis of Edge Pedestal Gradient Degradation During ELMs / *S. González, J. Vega, A. Murari, A. Pereira, JET-EFDA Contributors*
- 409** A Parallel Grad-Shafranov Solver for Real-Time Control of Tokamak Plasmas / *M. Rampp, R. Preuss, R. Fischer, K. Hallatschek, L. Giannone*
- 419** Integrated Diagnostics Design / *Andreas Dinklage, Rainer Fischer, Robert Wolf*
- 428** Imaging of Turbulent Structures and Tomographic Reconstruction of GyM Plasma Emissivity / *D. Iraji, D. Ricci, G. Granucci, S. Garavaglia, I. Furno, A. Cremona, D. Minelli*

REVIEWERS/INDEXES/CONTENTS

- 436** Technical Reviewers
- 440** Volume 62 Author Index
- 443** Volume 62 Subject Index

v Volume 62 Contents