

# Fusion Science and Technology

CONTENTS / FEBRUARY 2007—VOL. 51, NO. 2

## TECHNICAL PAPERS

- 145** Equilibrium and Flux Surface Issues in the Design of the NCSX / *A. Reiman, S. Hirshman, S. Hudson, D. Monticello, P. Rutherford, A. Boozer, A. Brooks, R. Hatcher, L. Ku, E. A. Lazarus, H. Neilson, D. Strickler, R. White, M. Zarnstorff*
- 166** Assessment of Transport in NCSX / *D. R. Mikkelsen, H. Maassberg, M. C. Zarnstorff, C. D. Beidler, W. A. Houlberg, W. Kernbichler, H. Mynick, D. A. Spong, P. Strand, V. Tribaldos*
- 181** NCSX Magnetic Configuration Flexibility and Robustness / *N. Pomphrey, A. Boozer, A. Brooks, R. Hatcher, S. P. Hirshman, S. Hudson, L. P. Ku, E. A. Lazarus, H. Mynick, D. Monticello, M. Redi, A. Reiman, M. C. Zarnstorff, I. Zatz*
- 203** NCSX Plasma Heating Methods / *H. W. Kugel, D. Spong, R. Majeski, M. Zarnstorff*
- 218** Ideal Magnetohydrodynamic Stability of the NCSX / *G. Y. Fu, M. Isaev, L. P. Ku, M. Mikhailov, M. H. Redi, R. Sanchez, A. Subbotin, W. A. Cooper, S. P. Hirshman, D. A. Monticello, A. Reiman, M. Zarnstorff*
- 232** Tearing Mode Stability of Model Plasmas in NCSX / *E. D. Fredrickson, M. C. Zarnstorff, E. A. Lazarus*
- 238** Power and Particle Handling and Wall Conditioning in NCSX / *P. K. Mioduszewski, L. W. Owen, D. A. Spong, M. E. Fenstermacher, A. E. Koniges, T. D. Rognlien, M. V. Umansky, A. Grossman, H. W. Kugel*