2003 Publications

International journals


E. Lazaro, P. Zanca: "Effects of a nonresonant m=0, n=1 perturbation driven by coupling to the m=2, n=1 mode in an elongated tokamak", Phys. Plasmas 10, No.6 (2003) 2399

A. Cravotta, G. Spizzo, P. Zanca, and P. Martin, "Role of the m = 0 modes in the edge region of a reversed-field pinch during pulsed poloidal current drive", Phys. Plasmas 10 (12), (2003) 4737


Conference proceedings


Conference and Workshop presentations

A. Murari: "JET Experimental program with relevance to ITER Diagnostics", Fourth Meeting of the ITPA Topical Group on Diagnostics, Padua, Italy, 17 - 21 February 2003


S. Martini: "Development of ITER relevant two-color MIR Interferometers", Fourth Meeting of the ITPA Topical Group on Diagnostics, Padua, Italy, 17 - 21 February 2003

G. Serianni: "The integrated system of Internal Sensors at RFX", Fourth Meeting of the ITPA Topical Group on Diagnostics, Padua, Italy, 17 - 21 February 2003

L. Marrelli: "Imaging of plasma emissivity", Fourth Meeting of the ITPA Topical Group on Diagnostics, Padua, Italy, 17 - 21 February 2003

P. Nielsen: "Progress on MCP detectors for LIDAR", Fourth Meeting of the ITPA Topical Group on Diagnostics, Padua, Italy, 17 - 21 February 2003


T. Bolzonella, D. Terranova: "Non linear magnetic interaction and spontaneous MHD mode rotations in RFX, , 9th IEA-RFP workshop, Tsukuba, Japan, 5-7 March 2003

S. Cappello:"MHD nonlinear behaviour and dynamo in RFP with external drive of poloidal electric field (PPCD)." 9th IEA-RFP Workshop, Tsukuba, Japan, 5-7 March 2003
Cappello S. "Bifurcation in the Reversed Field Pinch: Turbulent and Laminar regimes", Festival de Theorie àRelaxation in Magnetised Plasmas 7 - 25 July 2003 Aix-en-Provence, France


S. Cappello, R. Paccagnella, S. Ortolani, "Linear properties and nonlinear behaviour: MHD study of pulsed poloidal current drive (PPCD) in the reversed field pinch (RFP)", 45th APS Annual Meeting of the Division of Plasma Physics, Albuquerque, New Mexico, 2003


M. Puiatti et al.: "Experiment based studies of impurity behaviour: possible predictions and uncertainties", 11th European Fusion Physics Workshop, Heraklion 8-11 dicembre 2003

S. Ortolani: "Active control of MHD instabilities (key issues of relevance to ITER high priority physics R&D)", 11th European Fusion Physics Workshop, Heraklion 8-11 dicembre 2003


O. Barana, A. Luchetta, G. Manduchi, C. Taliercio: "Recent developments of the RFX Control and Data Acquisition System, 4th IAEA Technical Meeting on Control, Data Acquisition, and Remote Participation, San Diego, CA, 21-23 July 2003


R. Paccagnella, "Nonlinear MHD simulations for the RFP with active feedback", 9th IEA-RFP Workshop, Tsukuba, Japan, 5-7 March 2003

(California, USA), 24-26 September 2003.