

Publications and Conferences

Rémi J. Dumont

- **R. Dumont** and G. Giruzzi, *Hot plasma effects on the polarization of electron cyclotron waves* , Phys. Plasmas **6**, 660 (1999).
- **R. Dumont**, G. Giruzzi and E. Barbato, *Combined kinetic and transport modelling of radiofrequency current drive*, Phys. Plasmas **7**, 4972 (2000).
- **R. Dumont** and G. Giruzzi, *Evolution of electron cyclotron wave polarization in hot plasmas*, in RF Power in Plasmas, p. 369 (13th Topical Conference on Applications of RF Power to Plasmas, Annapolis, Apr. 12-14, 1999).
- X.L. Zou, C. Darbos, **R. Dumont**, G. Giruzzi, R. Magne, Y. Peysson, G.T. Hoang, F. Imbeaux, X. Litaudon, P. Moreau, A.L. Pecquet, J.L. Ségui and M. Zabiégo, *First ECRH experiments in Tore Supra*, in Controlled Fusion and Plasma Physics, paper P2.048 (27th EPS Conference, Budapest, Jun. 12-16, 2000).
- F. Orsitto, M. Marinucci, E. Barbato, **R. Dumont**, G. Giruzzi, L. Gabellieri, E. Giovannozzi, L. Panaccione, V. Pericoli, S. Poddia, N. Tartoni, B. Tilia and A.A. Tuccillo, *Thermal electron transport in LHCD plasma regimes with low and reversed magnetic shear in FTU*, in Controlled Fusion and Plasma Physics, **23J**, 1125, (26th EPS Conference, Maastricht, Jun. 14-18, 1999).
- N. Baussart, **R. Dumont** and F. Simonet, *Variability of trapped electrons fluxes to model parameters*, in ASI programme and abstract book, p. 48 (NATO Advanced Study Institute on Space Storms and Space Weather Hazards, Crete, Greece, Jun. 19-29, 2000).
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- G. Giruzzi, C. Darbos, **R. Dumont**, R. Magne, Y. Peysson, X.L. Zou, F. Bouquey, L. Courtois, G.T. Hoang, F. Imbeaux, M. Lennholm, X. Litaudon, P. Moreau, A.L. Pecquet, J.L. Ségui, M. Zabiégo and the Tore Supra Team, *ECRH experiments and developments for long pulses in Tore Supra*, in 18th IAEA Fusion Energy Conference (Sorrento, Oct. 4-10, 2000), paper IAEA-CN-77/EXP4/02.
- V. Pericoli-Ridolfini, Y. Peysson, **R. Dumont**, G. Giruzzi, G. Granucci, L. Panaccione, L. Delpech, B. Tilia, FTU Team and ECH Team, *Combined LH and ECH experiments in the FTU tokamak*, in 18th IAEA Fusion Energy Conference (Sorrento, Oct. 4-10, 2000), paper IAEA-CN-77/PDP/7.
- **R. Dumont**, V. Waller and B. Pégourié, *LHCD effects on pellet ablation in a tokamak plasma*, in RF Power in Plasmas (AIP, Meville, NY, 2001), p. 241 (14th Topical Conference on Applications of RF Power to Plasmas, Oxnard, May 7-9, 2001).
- **R. Dumont** and G. Giruzzi, *Analytical calculation of Current Drive synergy between LH and EC Waves*, in RF Power in Plasmas (AIP, Meville, NY, 2001), p. 398 (14th Topical Conference on Applications of RF Power to Plasmas, Oxnard, May 7-9, 2001).
- G. Giruzzi and **R. Dumont**, *Interplay of kinetic and transport effects on RF Current Drive*, in RF Power in Plasmas (AIP, Meville, NY, 2001), p. 394 (14th Topical Conference on Applications of RF Power to Plasmas, Oxnard, May 7-9, 2001).
- Y. Peysson, **R. Dumont**, G. Giruzzi, G. Huysmans, F. Imbeaux, M. Ju, X. Litaudon, F. Rimini, M. Zabiégo, T. Aniel, V. Basiuk, P. Bibet, C. Bourdelle, A. Ekedahl, X. Garbet and B. Schunke, *Lower Hybrid Current Drive efficiency and power deposition profile during MHD activity in Tore Supra*, in RF Power in Plasmas (AIP, Meville, NY, 2001), p. 233 (14th Topical Conference on Applications of RF Power to Plasmas, Oxnard, May 7-9, 2001).

- V. Pericoli-Ridolfini, E. Barbato, A. Bruschi, **R. Dumont**, F. Gandini, G. Giruzzi, C. Gormezano, G. Granucci, L. Panaccione, Y. Peysson, S. Podda, A.N. Saveliev, FTU Team, ECH Team, *Synergy between LH and EC waves in the FTU tokamak*, in RF Power in Plasmas (AIP, Meville, NY, 2001), p. 225 (14th Topical Conference on Applications of RF Power to Plasmas, Oxnard, May 7-9, 2001).
- G. Giruzzi and **R. Dumont**, *Self-consistent modelling of profile control by RF Current Drive in advanced tokamak regimes*, paper P-3.054 (28th EPS Conference, Madeira, Jun. 18-22, 2001).
- V. Waller, A. Géraud, G. Granata, B. Pégourié, V. Bergeaud, **R. Dumont**, V. Baziuk, L. Erikson, L. Garzotti and Y. Peysson, *Pellet ablation in plasmas with a high level of additional power*, paper P-2.047 (28th EPS Conference, Madeira, Jun. 18-22, 2001).
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