



Nuclear Engineering

Operation and Exploitation of the Reactor, Dosimetry (RPI) and Reactor Calculations

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J.G. Marques, N.P. Barradas, A.P. Fernandes, I.C. Gonçalves and A.J.G. Ramalho, A Fast Neutron Irradiation Facility at the Portuguese Research Reactor, *Int. Conf. on Research Reactor Utilization, Safety, Decommissioning, Fuel and Waste Management*, Santiago, Chile, 2003, IAEA (Vienna, 2005) IAEA-CN-100/112P, pp. 191-196.

J.G. Marques, A.P. Fernandes, I.C. Gonçalves and A.J.G. Ramalho, New Facility at the Portuguese Research Reactor for Irradiations with Fast Neutrons, In *Recent Advances in Multidisciplinary Applied Physics*, *1st Int. Meeting on Applied Physics*, Badajoz,

Spain, 2003, Ed. A. Méndez-Vilas (Elsevier, 2005, ISBN: 0-08-044648-5) pp. 71-76.

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A. Kling, Radiological Control at the Portuguese Research Reactor (RPI) Report Jan. 1 – Dec. 31, 2004, ITN/RPI-R-05-88.

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T.A. Girard, F. Giuliani, J.I. Collar, D. Limagne, H.S. Miley, T. Morlat, G. Waysand, M. Aug.e, D. Boyer, A. Cavaillou, J.G. Marques, C. Oliveira, J. Puibasset, M. da Costa, A.C. Fernandes, A.R. Ramos, R.C. Martins, Simple Limits on Spin-dependent WIMP Interactions, *TAUP 2005, 9th Int. Conf. on Topics in Astroparticle and Underground Physics*, 10-14 Sep., Zaragoza, Spain, oral.

M. Felizardo, R.C. Martins, A.R. Ramos, T. Morlat, J.G. Marques, D. Limagne, G. Waysand, A.C. Fernandes, T.A. Girard, F. Alegria, Signal discrimination in superheated droplet detectors, *IMTC 2005, 2005 IEEE Instrumentation and Measurement Technology Conf.*, 17-19 May, Ottawa, Ontario, Canada, Poster.

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F.O. Marques, R. Taborda, J. Antunes, Influence of a low-viscosity layer between rigid inclusion and viscous matrix on inclusion rotation and matrix flow: a numerical study, *Tectonophysics* 407 (2005), 101-115.

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