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Nuclear Engineering

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

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Theses

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New Materials and Compounds

Advanced Materials Research Group

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Conference Proceedings

- E. Nogales, K. Lorenz, K. Wang, I.S. Roqan, R.W. Martin, K.P. O'Donnell, E. Alves, O. Briot, A microspectroscopic study of cap damage in annealed RE-doped AlN-capped GaN, *MRS Symp. Proc.*, 892, pp. 625-630.
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Communications

Oral

- E. Alves, K. Lorenz, Advanced ion beam materials processing and characterization, *Materials Science and Technology 2006*, Symp.: Ion Beam Modification and Synthesis in Solids, Cincinnati, USA, 15-19 Oct., 2006, Invited talk.
- E. Alves, Surface analysis of nitrides and oxynitride compounds with ion beams, *Iberian Vacuum Meeting*, Salamanca, Spain, 26-28 Jun., 2006, Invited talk.
- K. Bharuth-Ram, U. Wahl, J.G. Correia, The Isolde Collaboration, Near-substitutional implantation of Er in diamond, *19th Int. Conf. Application of Accelerators*

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K. Lorenz, Rare earth implantation in GaN, an alternative route to develop integrated, all nitride light-emitting devices, *workshop 30 years of "Centro de Física Nuclear da Universidade de Lisboa"*, Lisbon, Portugal, 22-24 Jun., 2006, Invited talk.

N.P. Barradas, Can quantum dots be analysed with macrobeam RBS?, *19th Int. Conf. on Application of Accelerators in Research and Industry*, Fort Worth, USA, 20-25 Aug., 2006, Invited talk.

N.P. Barradas, Characterisation of ordered antiferromagnets by rapid thermal anneal without magnetic field, *12th Workshop on Magnetism and Intermetallics*, ITN, Portugal, 9-10 Feb. 2006, Invited.

U. Wahl, Ion implantation doping of perovskites and related oxides, *2nd Research Coordination Meeting of IAEA Project "Ion Beam Modification of Insulators"*, iThemba LABS Faure, Cape Town, South Africa, 28-30 Jun., 2006, Invited talk.

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