

CURRICULUM VITÆ

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Academic Qualifications:

Ph D (Combustion), University of Sheffield, U.K., 1981

M Sc Tech (Combustion Science and Pollution Control), University of Sheffield, 1977

Graduation (Mechanical Engineering), Instituto Superior Técnico (Lisbon, Portugal),
1971

Field of Expertise: Combustion

Other Fields: Energy analysis

Current Research Interests : Fire, Industrial safety, risk analysis

Main Recent Publications :

João Ventura, Mário Macedo and Nelson Sousa, *Lessons Learned from Emergencies After Accidents in Portugal Involving Dangerous Chemical Substances*, Report EUR 16121 EN, Joint Research Centre, European Commission, 1995.

Ribeiro, J. and J.M.P. Ventura, *Evaluation of textile bobbins drying processes: experimental and modelling studies*, *Drying Technology*, 13(1&2), 239-265 (1995).

Ventura, João M.P., João M. Ribeiro and Carlos Tomás, *Physical simulation of fire development in compartments*, Joint Meeting of the Portuguese, British, Spanish and Swedish Sections of the Combustion Institute, Proceedings, 23.9.1-5, April 1-4, 1996.

Bento, P., Brederode, V., Rego, F. and Ventura, J., *Utilização de meios aéreos de combate a incêndios florestais em Portugal*, study prepared for the Secretaria de Estado da Administração Interna, April 1996 (in Portuguese).

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Ventura, J. and F. Rego, *Modeling the shape of temperature-time curves*, Proceedings of 13th Fire and Forest Meteorology Conference, Lorne, Australia, 1996, vol. 1, pp. 197-201.

Mendes-Lopes, J.M.C., Ventura, J.M.P., & Amaral, J.M.P., *Rate of spread and flame characteristics in a bed of pine needles*, joint 3rd Intern. Confer. on Forest Fire Research and 14th Confer. on Fire Forest Meteorology, vol. 1, pp. 497-511, Luso (Portugal), November 16-20, 1998.

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P. Azevedo, I. Gulyurtlu, I. Cabrita & J. Ventura, *Numerical and experimental study of a prototype natural gas furnace*, Proceedings of the Second European Conference on Small Burner and Heating Technology, vol 2, pp. 277 a 284.

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Ventura, João, *A disciplina Segurança Industrial na licenciatura em Engenharia Mecânica do Instituto Superior Técnico: Balanço de uma experiência*, Proceedings of the Seminar "Segurança, Fiabilidade e Análise de Avarias", Escola Naval, 8-9 de Abril de 1999 (in Portuguese).

Ventura, João, *Aprendizagem de conteúdos e desenvolvimento de capacidades e aptidões: uma experiência na Licenciatura em Engenharia do Ambiente*, communication to Encontro sobre Iniciativas Pedagógicas no/para o IST, Jornadas Pedagógicas, IST, 16 de Junho de 1999 (in Portuguese).

Olim, Marisa, Ana Pereira and João Ventura, *Utilização de um SIG para a caracterização de riscos naturais na região do Alentejo*, Proceedings of the Meeting on "Sistemas de Informação Geográfica e Geológica de Base Regional" promoted by Instituto Geológico e Mineiro, Beja, 23rd of September, 1999 (in Portuguese).

Ventura, João M.P., *A disciplina Riscos Naturais e Tecnológicos na Licenciatura em Engenharia do Ambiente do IST: Descrição de uma experiência*, Proceedings of the V Congresso Nacional de Engenharia do Ambiente, Lisbon, 11-13 November 1999 (in Portuguese).

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