



Applications of Porous Media

Editors
A. H. Reis & A. F. Miguel

The background of the lower half of the cover is a photograph of a beach. The sand is light-colored and shows ripples from the tide. Several smooth, dark-colored stones of various sizes are scattered across the sand. The overall lighting is soft and diffused.

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Applications of Porous Media

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The International Conference on Applications of Porous Media, ICAPM2004 was held at the University of Évora, Portugal, from 24 to 27 May 2004. It received a considerable international attention and attracted porous media researchers from all continents, who submitted their papers to the Conference. All papers submitted were peer-reviewed and most of them underwent modifications at the light of the reviewer's comments and some were rejected. At the end of the review process, 80 papers were accepted to be presented at the Conference and published in the proceedings. We thank all reviewers for the effort they did in such a short two-month period. We thank also the authors for submitting their papers, being patient regarding some delays in the review process and meeting the Conference guidelines.

The Conference Program extended over a broad range of subjects and covered the following topics:

- General: theory and modelling
- Convection
- Multiphase flow
- Single and double diffusive transfer
- Packed beds and reactors
- Porous burners, heat exchangers, fuel cells
- New porous materials and applications
- Applications in biotechnology and environmental engineering
- Drying processes and driers
- Separation and Purification processes. Adsorbers, Filters, Membranes and Molecular Sieves
- Design of porous structures
- Radiation

We thank the conference chairman, Prof. Adrian Bejan, the co-chairman Prof. A. Mohamad, the Organizing Committee, the Local Organizing Committee and the session chairs. We also acknowledge the work of all people that contributed to the success of the Conference.

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The Editors