

Foreword

It is our pleasure to present this first issue of the *Journal of Porous Media* to researchers in Science, Engineering, and Industry. Our hope is that the variety and depth of the field will be reflected in the Journal articles. It has long been felt that the diversity and common underlying principles of porous media research needed a journal of their own. This publication will span the territory that is covered by papers currently spread over many journals. As time progresses this Journal can become the main forum for many topics. Another advantage of this publication will be the stimulus that it can give to research through review articles and industrial interactions, in addition to specific research papers. This Journal will also bring together researchers in conferences, thereby giving a unique identity to the Porous Media field.

The *Journal of Porous Media* is fortunate to have a highly distinguished Editorial Board whose members are leaders in the mainstream of research. The procedure for submitting an article and the scope of this Journal are outlined within its pages. The *Journal of Porous Media* will publish original full-length research papers (and technical notes) in a wide variety of areas of porous media studies: for example, Mathematical Modeling, Numerical and Experimental Techniques; Industrial and Environmental Heat and Mass Transfer; Conduction, Convection, Radiation; Particle Transport and Capillary Effects, Reactive

Flows, Deformable Porous Media, and Mechanics of the Porous Substrate. Emphasis will be given to manuscripts that present novel findings pertinent to the previously mentioned areas. This Journal will also consider publication of state-of-the-art reviews. Manuscripts applying only known methods to previously solved problems or providing results in the absence of scientific motivation or application will not be accepted. Submitted articles should contribute to the understanding of specific scientific problems or to solution techniques that are useful in applications. Papers that link theory with computational practice to provide insight into the processes are welcome.

An historical note regarding the events and in-depth discussions leading to the establishment of the Journal: in October 1994, the Institute of Industrial Mathematical Sciences (IIMS) at the University of Manitoba organized a Conference on Porous Media and the Environment in Winnipeg, Canada with the University of New Brunswick. This in turn led to the International Conference on Porous Media and its Applications in Science, Engineering, and Industry Meeting being held in June 1996 in Hawaii. The latter meeting was organized by IIMS and the Engineering Foundation with the cooperation of The Ohio State University.

Sincerely,
Kambiz Vafai