

## EDITORIAL

### A NEW FLUID MECHANICS JOURNAL FROM WILEY

It is our pleasure to introduce the first issue of the quarterly publication—*INTERNATIONAL JOURNAL FOR NUMERICAL METHODS IN FLUIDS* (IJNMF).

The discipline of computational fluid mechanics has, for a number of years, been growing at a considerable rate and can be expected to accelerate further as digital computers continue to improve. The main purpose of IJNMF is, therefore, to provide a new forum for the publication of noteworthy papers in this rapidly expanding field. Equal emphasis will be placed on methodology development or improvement and detailed applications of existing techniques (finite difference, finite element, spectral etc). The journal has been planned as a companion volume to the well established and successful *INTERNATIONAL JOURNAL FOR NUMERICAL METHODS IN ENGINEERING* (IJNME) and the more recent *INTERNATIONAL JOURNAL FOR NUMERICAL AND ANALYTICAL METHODS IN GEOMECHANICS* (IJNAMG) and is intended both to complement and supplement these journals.

We plan to publish high quality papers in essentially all areas of computational fluid mechanics—from potential flow through to problems where turbulence is the dominant feature. The intended fields of application range from oceanography and hydrology through all forms of engineering fluid mechanics to aerodynamics and meteorology. In addition to the main focus of solving the general and particular forms of the Navier–Stokes equations. Papers dealing with advective diffusion, heat transfer, etc. are also solicited.

We encourage you to help us make this new journal successful by submitting worthy and stimulating papers dealing with the development of numerical methods and applications to problems in fluid mechanics.

Cedric Taylor  
Philip M. Gresho, Editors.