



## FOREWORD

To celebrate the 20th volume and 20th year (the first issue was printed on 10 October 1973, but the volume was completed in 1974) of the *International Journal of Multiphase Flow*, it was decided to launch an additional issue, the Annual Reviews. For 20 years we have had six issues per annum, typically for a total of 1100 pages.

Recently, it became obvious that review articles are becoming desirable in the now diverse and broad field of multiphase flow. This field now includes low Reynolds flows; high Reynolds number flows and turbulence-particles interactions; multiphase heat transfer, flow regimes, pressure drop and other design considerations; issues relating to fluidized beds, problems relating to dusty gases; problems in stabilities of films and jets; measurements in multiphase flow; multiphase critical flows and many more.

It became almost impossible even to remotely follow the new developments in all these areas, let alone follow them closely and contribute to new findings. Thus, when the field of multiphase flow matured, it was found desirable to have more reviews, in order to enhance the cross fertilization and co-operation between the various groups in these fields.

Therefore our "seventh" issue is to be devoted mostly to reviews of the various problem areas in multiphase flow. We plan to have about 10 review articles per annum, addressing a variety of subjects in multiphase science and technology. The reviews will be written by prominent scientists and engineers, and will aim to focus attention on their field of expertise, put the existing knowledge in perspective and point out research needs for the future.

Our readers are invited to write to me suggesting topics, offering to write reviews or to offer any opinion on the subject.

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*Editor*