



Editorial

Gad Hetsroni established the *International Journal of Multiphase Flow* in 1971 “for publishing theoretical and experimental investigations of multiphase flow which are of relevance and permanent interest”. At the time some authoritative voices were skeptical about the need for such a journal, but its success over the intervening years vindicated Hetsroni’s remarkable vision, energy and dedication. IJMF has been the premier venue for the publication of many widely cited articles which have had a great impact on the science and technology of Multiphase Flow. Leafing through the past volumes and reading the original words accompanying results, graphs and relations that have by now become established knowledge is an experience humbling and uplifting at the same time.

No one proposing to continue Gad Hetsroni’s legacy and carry IJMF through its next phase can avoid trepidation in the face of the task. The already difficult imperative of maintaining the standards of the Journal is compounded by the changing landscape of the discipline. Multiphase Flow has permeated Fluid Mechanics to an extent that was hard to imagine 36 years ago. Today many conferences include a substantial number of presentations with titles which would easily fit in IJMF’s table of contents. This may be an embarrassment of riches, but an embarrassment nevertheless.

What will remain a distinctive feature of IJMF is an interest in the specific applications of multiphase flow to practical problems. As it has in the past, the journal will continue to offer a bridge between the science of Multiphase Flow and its technological implications and applications.

Climate, energy, the environment, diminishing water resources – these and many more challenges confronting the modern world can only be addressed with the tools and resources provided by this discipline. The journal is offered as a natural platform for the publication of papers in these areas. At the same time, we will continue the past tradition of taking a very broad view of Multiphase Flow and we welcome papers from an equally broad authorship.

Most of the papers published in IJMF have come from what is usually referred to as The West. The world is now witnessing the blossoming of vibrant scientific and technological communities in new geographical areas, and I sincerely hope that our authorship and readership will grow to include them.

I could not face the road ahead without the support of IJMF’s outstanding team of Associate Editors. These excellent scientists will work with me to maintain standards, promote good papers and work for the health of the Journal and – therefore – of the community that it represents.

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