# Editors' Introduction

In August 1992, we met in New Haven to plan our work as the new editors of this journal. One of the subjects discussed was the content of the first issue under our editorship. It seemed an appropriate moment and forum for taking stock and for demonstrating a renewed commitment to excellence and relevance. After some discussion, we agreed on the plan that resulted in the issue before you.

We asked four leaders in the field of parallel computing to present an overview of the current state of the art and to discuss trends and possibilities for the future. We are grateful to Drs. Gordon Bell, Jack Dennis, Ken Kennedy, and David Kuck for accepting our invitation to contribute to this issue of the *International Journal of Parallel Programming*. Their papers discuss a number of important issues in the area of machine organization, software, and education. We hope you find these papers as informative and stimulating as we do.

The level of debate in these four papers is particularly appropriate for the field of parallel programming. Ours is a relatively young field that presents many paths for exploration and has little to offer by way of absolute truths and definitive conclusions. Diversity of opinion and approach is bound to create confusion, but it is also a hallmark of a field rich in opportunities to explore, study, and create. We hope that each issue of this journal will make manifest the excitement of our field and that its contents will increase our understanding of parallel computing and stimulate further work in the area.

We are grateful to Gary Lindstrom, the previous Editor-in-Chief, for his help and suggestions during the transition period. We are pleased that he has accepted our invitation to continue his involvement with the journal as a member of the Editorial Board.

Also, please note that, *effective immediately*, all manuscript submissions and related correspondence should be sent to Co-Editor David Padua (see the Information for Contributors on the back inside cover for exact mailing address).

Utpal Banerjee, David Gelernter, Alex Nicolau, and David Padua
*Co-Editors*