Editorial

The First Five Years

Five years ago I founded Integrated Computer-Aided Engineering. We published two issues in 1993 and four issues per year during 1994–1997. The six 1993 and 1994 issues were published as Volume One. In my Editorial in the inaugural issue of the journal published in 1993 I wrote "The focus of ICAE is the integration of leading edge and emerging computer technologies for innovative solution of engineering problems. The journal fosters interdisciplinary research and presents a unique forum for innovative computer-aided engineering". During 1993–1997 every issue of the journal was published on schedule in a timely manner. This is an exceptional record among the new scholarly journals.

During this period we published a good number of special issues reflecting the interdisciplinary nature of the journal such as:

- Object-Oriented Manufacturing Systems
- Artificial Intelligence in Manufacturing and Robotics
- Intelligent Information Systems
- Real-Time Intelligent Control Systems
- Integrated Product and Process Data Management
- Faults in Automated Manufacturing
- Massively Parallel Computing
- Intelligent Manufacturing Systems

We shall continue publishing special issues devoted to a CAE topic of general and current interest. Plans are well underway for the following forthcoming special issues:

- Low Power Electronic Systems
- Real-Time Engineering Systems
- Neural Techniques for Industrial Application
- Intelligent Autonomous Vehicles
- Mechatronics and Machine Automation
- Architectural Trends for Image Processing and Machine Vision
- Industrial Applications of the Wavelet Transforms

A few words about the journal manuscript review process. Our reviewing process is rigorous but fair. The primary criterion for publication in the journal is creativity, originality, and innovation. Each manuscript submitted to the journal is sent to at least three knowledgeable reviewers for review. Manuscripts with clear original contribution are usually processed and accepted in a relatively short period of time. Manuscripts with ambiguous or dubious contribution or poor presentation and English usually take a long time to process. During the first five years we received 316 papers for possible publication in the journal and accepted and published 98 papers which translates into an average acceptance rate of 31%.

In making the final editorial decision an important consideration is the quality of reviews. We seek conscientious reviewers who read the entire manuscript and provide valuable detailed and thoughtful comments. We urge the reviewers to provide constructive comments to improve the content and presentation of the manuscript if it has any merit and original idea. If I am not satisfied with the quality of the reviews additional review or reviews will be solicited.

The manuscripts submitted for possible publication in the journal have been reviewed by members of the Editorial Advisory Board and some 300 other researchers from 27 different countries reflecting the true interdisciplinary and international audience of the journal. Many of these reviewers have agreed in advance to review manuscripts for the journal. The individuals who have reviewed manuscripts for the journal are acknowledged at the end of this editorial. Our apologies for names omitted inadvertently, specially those reviewers whose names were not submitted to me by some of the guest editors.

Starting with this issue, the journal is being published by the Dutch publisher IOS Press. The focus and scope of the journal, however, remains unchanged with the same high standard of pub-

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lication. The editorial decisions are made solely by the same Editor-in-Chief with the help of the members of the Editorial Advisory Board and reviewers. I would be pleased to receive your comments and suggestions. You can send me a fax at +1 614 292-7929 or an email at Adeli.1@osu.edu.

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