

Preface

In the past decade, digital manufacturing science and technology got very high-speed developments. It has not only provided industries with new methods, new tools and new digitalized products from design, material processing to operation and management process, but also is changing the manners, thinking styles and working environments of people in the manufacturing field. Digital manufacturing has brought remarkable and fundamental progresses to manufacturing industries and the related researches. The major topics covered by the conference include

- E-Commerce Engineering
- Collaborative Product Design & Manufacturing
- Modeling and Simulation of Workflow of Design and Manufacturing Process
- Modeling and Simulation of Material Processing
- Modeling and Integration of Enterprise
- Enterprise Resources Planning
- Workshop Planning and Managements
- Knowledge Engineering Applications in Digital Enterprise
- Developments of Digitalized Products
- Virtual Manufacturing
- Numerical Control of Equipment

As a prestigious conference, the calls for papers stimulate an excellent response of distinctive submissions with more than 300 papers. All the papers submitted were refereed, and, based on the referees' comments, about 181 papers are finally selected for the conference presentation and inclusion in the proceedings. The authors' and referees' efforts for enhancing the quality of the papers are greatly appreciated.

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On behalf of the academic committee of e-ENGDET 2007, I would like to take this opportunity to express my appreciation of the generous contribution by the kind support from the conference organizers, supporters, and co-sponsors.

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Professor Yingxue Yao

Chairman, e-ENGDET 2007 Organising Committee

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