

## Preface

I am delighted to welcome you to the 2011 International Conference on System science, Engineering design and Manufacturing informatization (*ICSEM 2011*) which was held in Guiyang, China from 22 October to 23 October, 2011. The theme of the plenary session is “system science, engineering design and manufacturing informatization” featuring invited speakers who will further explore this topic that is so significant in these fields. Concurrent sessions and a poster session will cover a wide range of topics and issues, including both contributed papers and special sessions developed on specific themes, all with a central focus of system science, engineering design and manufacturing informatization. Topics will range from the theories to the practice methods and technology, such as complex system modeling and complexity, control theory, Industrial design, cybernetics, Modeling and simulation methods, e-commerce and computer-aided Manufacturing etc.

The objective of ICSEM 2011 is to provide an idea-exchange and discussion platform for the world’ enterprises and academia, where internationally recognized researches and practitioners share cutting-edge information, address the hottest issue in system science, engineering design and manufacturing informatization, explore new technologies, exchange and build upon ideas. This year, ICSEM 2011 has received an overwhelming response of 500 papers submitted to the Program Committee, from 6 countries and regions. All the submitted papers have been peer reviewed by at least 2 reviewers drawn from the chairs of committees depending on the subject matter of the paper. Reviewing and initial selection were undertaken electronically. A joint committee meeting was held to resolve the final paper selection and a draft program for the conference. After the rigorous reviewing process, about 180 papers were accepted for presentation and included in the proceedings. The proceedings of ICSEM 2011 were published by IEEE.

On behalf of the Organizing Committee, we would like to express our sincere appreciations to all reviewers for their timely and outstanding efforts in reviewing the large number of papers. Finally, we also are appreciated for all the authors and participants for their great contributions that made this conference possible and all the hard work worthwhile.

**ICSEM 2011 General Chair**  
September, 2011

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