Preface

The 12th International Conference on Computer-Aided Design and Computer Graphics (CAD/Graphics 2011) was held in Jinan, China, on September 15-17, 2011, and was sponsored by the China Computer Federation. The conference provided an international forum for researchers and developers from various countries to exchange new ideas on computer aided design and computer graphics. Earlier successful conferences in this series were held respectively in Kunming (2001), Macau (2003), Hong Kong (2005), Beijing (2007) and Yellow Mountain City (2009).

This volume contains the 76 papers accepted for oral presentation at CAD/Graphics 2011 from a total of 181 papers submitted. These were reviewed by a program committee of 72 international experts, listed on pages xii-xiii, aided by 57 further external reviewers listed on page xiv.

The main topics covered by the papers in this volume include:

- Geometric modeling
- Digital geometry processing
- Computer animation
- Rendering techniques
- Image based modeling and rendering
- Virtual reality and augmented reality
- Computer aided design
- Computer aided geometric design
- Integration of CAD/CAE/CAM
- Computer aided IC design
- Reverse engineering
- EDA: electronic design automation

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