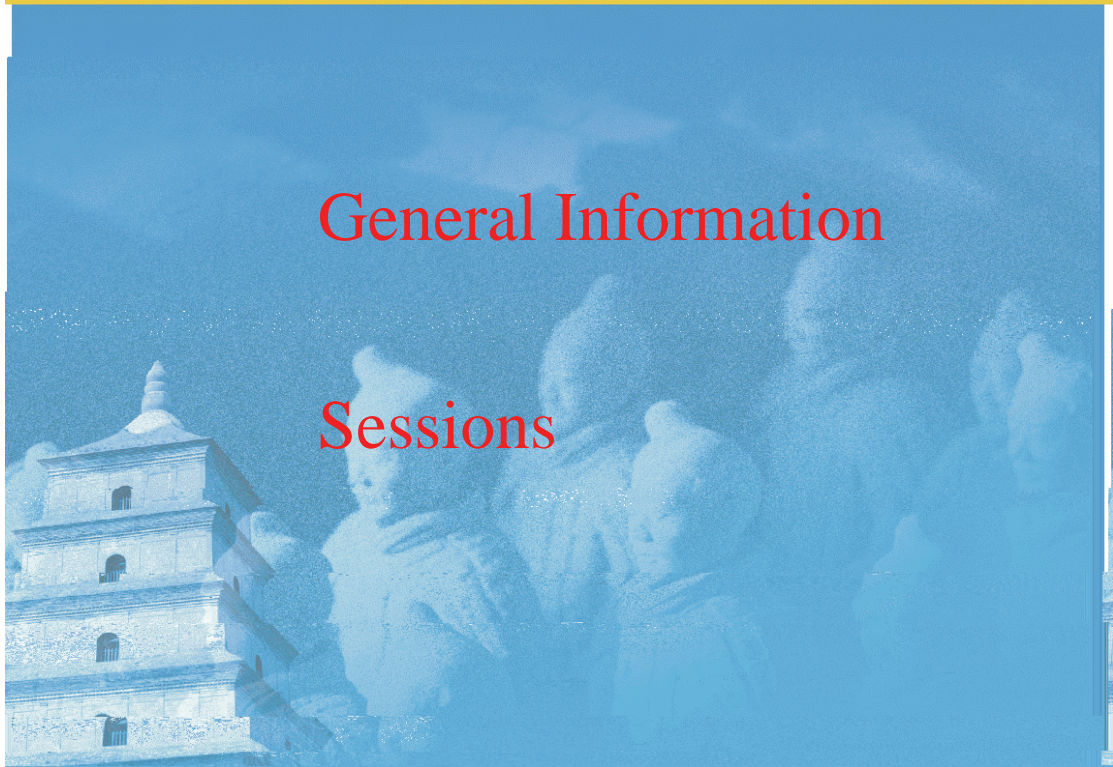


**Proceedings of the 2008 12th International Conference on
Computer Supported
Cooperative Work in Design**

General Information

Sessions



Proceedings of the 2008 12th International Conference on Computer Supported Cooperative Work in Design

Volume I

April 16-18, 2008

Xi'an, China

Edited by:

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Jianming Yong, Zhenghua Duan, Feng Tian

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International Working Group on
CSCW in Design



Xidian University



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Print Version

IEEE Catalog Number: CFP08797-CDR
ISBN: 978-1-4244-1650-9
Library of Congress: 2007906161

CD-ROM Version

IEEE Catalog Number: CFP08797-CDR
ISBN: 978-1-4244-1651-6
Library of Congress: 2007906161

Published by the Institute of Electrical and Electronics Engineers Inc.

ISBN: 978-1-4244-1651-9

Printed in Beijing, China

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Preface

Welcome to the 2008 12th International Conference on Computer Supported Cooperative Work in Design (CSCWD 2008).

Welcome to Xi'an Jiaotong University, a university with glorious history. The predecessor of Xi'an Jiaotong University is Nanyang Public University, which was founded in Shanghai in 1896. After moved to Xi'an in 1956, Xi'an Jiaotong University trained many outstanding talents from generation to generation. They have made great contribution to the thriving and prosperity of our country. Nowadays, Xi'an Jiaotong University covers nine subjects such as science, engineering, medicine, economics, management, art and law, and is characterized as science and engineering. It has become an important base that integrates the functions of talents training, scientific research, social services and promoting social development. It is directly administered by the Ministry of Education of China. It ranks among the top ten universities of China and its comprehensive strength ranks the first class among the institutions of higher education in China.

CSCW (Computer Supported Cooperative Work) with its applications to design and manufacture has been an active research field for about 15 years. Xi'an Jiaotong University boasts a number of research groups working in the related fields. It is a great honor for Xi'an Jiaotong University to host the 12th edition of the CSCWD conferences.

The CSCWD 2008 Program Committee has developed an exciting technical program that includes 34 technical sessions (contributed and invited). The proceedings contain 196 papers selected from more than 360 submissions from 12 countries.

I would like to thank all the chairs and members of the Program Committee for their efforts in putting together such a comprehensive program. Special acknowledgement goes to the authors who contributed to this conference.

I would also like to thank all the chairs and members of the Organizing Committees for taking care of all the details to make this conference successful, particularly, Feng Tian, Xiyuan Wu, Lili Chen, Weizhan Zhang, Jixin Hou, Wanyu Deng, Guangdong Liu, Shibin Wang for registration and statistical work, Cheng Zheng for the development and maintenance of the conference management Web site, volunteers from Xi'an Jiaotong university for support to the conference preparation, and staff of Nanyang Hotel and Cambridge Hotel for their excellent services.

We thank IEEE China Council for the co-sponsorship of this conference.



Nanning Zheng, Professor
President of Xi'an Jiaotong University
IEEE Fellow, Member of Chinese Academy of Engineering
CSCWD 2008 Honorary Conference Chair

Sessions

Keynote and Special Papers

CSCW Techniques

Knowledge Management for Cooperative Design

Intelligent Agents and Multi-Agent Systems for Cooperative Design

Web Services, Semantic Web, and Grids for Cooperative Design

Mobile Collaboration and Applications

Workflows for Cooperative Design

Virtual Reality for Cooperative Design

Security, Privacy, and Trust

Collaboration in Manufacturing, Construction, and Services

Cooperation in Virtual Enterprise and E-Business

Distance Learning

Other Applications