The 12th International Conference on CSCW in Design

April 16-18, 2008, Xi'an, China

Scope of Conference

Design of complex artifacts and systems requires the cooperation of multidisciplinary design teams. The 12th International Conference on Computer Supported Cooperative Work in Design (CSCWD 2008) provides a forum for researchers and practitioners involved in different but related domains to confront research results and discuss key problems. CSCWD 2008 has a theme on Human Centered Collaborative Design, with an emphasis to improve the productivity of knowledge workers through CSCW. The major topics include, but not limited to:

- Techniques, methods, and tools for CSCW in design
- Knowledge intensive cooperative design
- User modeling for cooperative design
- Intelligent agents and multi-agent systems for cooperative design
- Workflows for cooperative design
- VR technologies for cooperative design
- Grids, Web Services and Semantic Web for CSCW in Design
- Mobile collaboration and applications
- Collaborative networks and applications
- Collaboration in manufacturing, construction, services, and businesses
- Distance learning/training related to design
- Practice and experience with collaborative systems
- Other areas related to CSCW in Design

Submission of Papers

Papers reporting original research results and experience are solicited. Each paper, written in English, should be no more than 6 pages (IEEE proceedings format), including references and illustrations. Electronic submissions in PDF format are strongly recommended.

Submission of a paper should be regarded as an undertaking that, should the paper be accepted, at least one of the authors will attend the conference to present the paper.

Evaluation and Publication

All submitted papers will be reviewed by program committee members and selected based on their originality, significance, relevance, and clarity of presentation. Accepted papers will be published in the IEEE categorized conference proceedings (ISTP/EI). Authors of selected papers will be invited to submit
revised and expanded version of their papers to be considered for publication in special issues of well-known international journals (SCI).

Information about the International Working Group on CSCW in Design and previous conferences/workshops can be found at: http://www.cscwid.org/.

Organized by

Xi’an Jiaotong University

Co-Sponsored by

IEEE Beijing

Xi’dian University
CSCWD 2008 Technical Program
April 16-18, 2008
Nanyang Hotel, Xi’an Jiaotong University, Xi’an, China

Tuesday April 15, 2008, 14:00–22:00: Conference Registration (Lobby, Nanyang Hotel)

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CMCS (Collaboration in Manufacturing, Construction, and Services)
CSCWTS (CSCW Techniques and Systems)
CVEB (Cooperation in Virtual Enterprise and E-Business)
DL (Distance Learning)
KM (Knowledge Management for Cooperative Design)
MAS (Agents and Multi-Agent Systems)
MCA (Mobile Collaboration and Applications)
SPT (Security, Privacy, and Trust in CSCW Systems)
OAP (Other Applications)
OKM (Ontology and Knowledge Management)
VRCD (Virtual Reality in Collaborative Design)
WCD (Workflows for Collaborative Design)
WS-SW (Web Services, Semantic Web, and Grids for Cooperative Design)
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2852: Cooperative Dynamic Measurement System Based on XML and Web service
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3172: A Domain Ontology-based Navigation Learning System
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3191: A Role Oriented Requirements Analysis for ERP Implementation in Medical Service Organizations
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D6: OAP-2 (Other Applications), Chair: Stephen Chan, Room #8
2960: GIS-based Decision Supporting System in Hydraulic Simulation and Economic Analysis for Rainwater Harvesting Design
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3217: A Cooperative Assessment of the Response Capability of Emergency Organizations
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3064: Collaboration in Scientific Visualization
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2716: A Remote Health Care System Based on Wireless Sensor Networks
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D7: OAP-3 (Other Applications), Chair: Qianping Wang, Room #8
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3022: Transformation of Landscape Planning and Design in Computer Supported Cooperative Work Era
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2887: Application of Improved Grey Prediction Model for Power Load Forecasting
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2756: Load Recognition for Different Loads with the Same Real Power and Reactive Power in a Non-intrusive Load-monitoring System
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2898: Prototyping System of Codec for Novel 2-D Continuous Barcode
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D8: VRCD-1 (Virtual Reality for Cooperative Design), Chair: Xiangyu Wang, Room #8
2846: Non-rigid Registration Using AAM and Factorization Method for Augmented Reality Applications
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3055: Multi-Granularity Modeling of Virtual Prototyping in Collaborative Product Design
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3223: Research on Collaborative Concept Design Integrating the Application of Virtual Reality and DFMA
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2767: Exploring Augmented Reality Benefits in Collaborative Conceptualization
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