



The Seventh International Conference on Computer Supported Cooperative Work in Design

September 25-27, 2002, Rio de Janeiro, Brasil

URL: <http://2002.cscwid.org/>
E-mail: cscwd2002@cos.ufrj.br



Wednesday - September 25, 2002

8:00/9:00	Registration	
9:00/9:30	- Opening words: general chair, program committee co-chairs	
9:30/10:30	- Keynote Speech 1: Susan Finger : Team-Based Design: Collaborative Learning Across Time and Space	
10:30/11:00	Coffee Break	
11:00/12:40	<p>CSCW (1)</p> <p>A Framework for Awareness Support in Groupware Systems <i>Manuele Kirsch-Pinheiro, José Valdeni de Lima, Marcos R. S. Borges</i></p> <p>Action Research: A Research Approach for Cooperative Work <i>David Avison</i></p> <p>Coordination in Collaborative Environments – A Global Approach <i>Adailton J. A. da Cruz, Alberto B. Raposo, Léo P. Magalhães</i></p> <p>Several Design Issues of the JSPC Digital Archives <i>Jiixin Yuan, Xuegang Ji, Xinyou Li</i></p> <p>A Framework for Integration of CSCW <i>Rahat Iqbal, Anne James, Richard Gatward</i></p>	<p>Agents and MAS (1)</p> <p>Cooperative Multi-Agent System in Diagnosing the Well Drilling Malfunction and Accident Solving <i>Rehemujiang.Reyimujiang, Yushu Ma and Ciqian Ding, Guli.Tuerxun</i></p> <p>A Multi-agent Architecture for Automated Product Technical Specifications Verification in CAD Environments <i>Alain Desrochers, Soumaya Cherkaoui</i></p> <p>The Multi-Tier Architecture Based on Offline Component Agent <i>Shidong Zhang, Qingzhong Li, Yongqing Zheng, Haiyang Wang</i></p> <p>WebBlow: A Web/Agent Based MDO Environment <i>Weiming Shen, Ying Wang, Yinsheng Li, Yan Ma, Hamada H. Ghenniwa</i></p> <p>CODA: A Collaboration Oriented Data Agent <i>Yinsheng Li, Weiming Shen</i></p>
12:40/14:00	Lunch	

14:00/15:20	<p>CSCW (2)</p> <p>Towards the Evaluation of Awareness Information Support Applied to Peer Reviews of Software Engineering Diagrams Marco Aurélio Souza Mangan, Renata Mendes de Araujo, Marcos Kalinowski, Marcos R.S.Borges, Cláudia Maria Lima Werner</p> <p>The Importance of Situation Awareness in Efficiency of Distributed Collaborative Working: Application to the European Aeronautical Industry Sébastien Bernard, Elizabeth Carver, Aline Cauvin, Laurent Noblet</p> <p>IP Multicasting Technique and its Application on Multimedia Network Teaching System Shaozi Li, Tangqiu Li, Yidong Chen</p> <p>Ontology-Based Document Extraction Processing Ning Gu, Fang Wang, Guowen Wu</p>	<p>Agents and MAS (2)</p> <p>Multi-Agent Transactions for Web-based Design Activities Muhammad Younas, Kuo-Ming Chao, Rachid Anane, Anne James</p> <p>Multi-levels and a Temporal Dimension to Exception Handling in Intelligent Agents Nazaraf H Shah, Anne James, Anthony N Godwin, Kuo-Ming Chao</p> <p>Preliminary Design and Manufacturing Planning Integration Using Intelligent Agents Shaw C. Feng, Eugene Y. Song</p> <p>Reliable Framework Architecture for Multi-Agents Systems Interaction Eugénio Oliveira, Guilherme Pereira, Cláudio Gomes</p>
15:40/16:00	Coffee Break	
15:40/17:40	<p>CSCW (3)</p> <p>Finding Solutions for Effective Collaboration in a Heterogeneous Industrial Scenario Ismael H. F. dos Santos, Alberto B. Raposo, Marcelo Gattass</p> <p>SAMS: Synchronous, Asynchronous, Multi-Synchronous Environments Pascal Molli, Hala Skaf-Molli, Gérald Oster, Sébastien Jourdain</p> <p>Specification and Implementation of a Support Platform for the Accelerated Development of Technological Products Applying Concurrent Engineering Milton Borsato, Rolf Hermann Erdmann, Leandro Batista de Almeida, Mariana Pucci da Silva, Rafael Machado Bardal</p> <p>An Improved Concurrency Control Algorithm of Cooperative Design Document Based on Marking Xiao-Yuan Wu, Jiao-Mao Liu, Ning Gu</p> <p>Data Synchronization in the Mobile Internet Ligang Ren, Junde Song</p> <p>Research on an Event Specification for Event-Based Collaboration Support Software Architecture Ping-peng Yuan, Gang Chen, Jin-xiang Dong, Wei-li Han</p>	<p>Virtual Environments (1) & Data Exchange (1) Virtual High Tech Clusters – The Modern Silicon Valley? Michael Wieser</p> <p>Research on Real Time Detailed Terrain Rendering Likun Zhou, Jinpeng Liu, Dingfang Chen</p> <p>Tangible Interface: Integration of the Real and Virtual Qianping Wang, Chang Li, Xinyuan Huang, Mingxi Tang</p> <p>Wise-ShopFloor: A Web-Based and Sensor-Driven Shop Floor Environment Lihui Wang, Weiming Shen, Sherman Lang</p> <p>Research on Technology of Product Data Exchange for Internet-Based Distributed Integrated Manufacturing system Peng Gao, Lanfen Lin, Jinxiang Dong, Ming Cai</p> <p>Bidirectional Conversion between XML Documents and Relational Data Bases Marta H. Jacinto, Giovanni R. Librelotto, José C. Ramalho, Pedro R. Henriques</p>
19:00/	- Reception	

Thursday - September 26, 2002			
9:00/9:30	- Announcement of CSCWD 2003		
9:30/10:30	- Keynote Speech 2: Bernhard Mitschang: Data Propagation: A Necessity for CSCW in Design		
10:30/11:00	Coffee Break		
11:00/12:40	<table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 50%; vertical-align: top;"> <p>Collaborative Design (1) <i>Multiple Evolution and Concurrent Engineering Design</i> <i>K-M Chao, R. Anane, P. Norman, C-F Tasi and C Reeves</i></p> <p>Sketching and Computer-Aided Conceptual Design <i>Ralph O. Buchal</i></p> <p>The Research and Design of Remote Cooperative CAD Platform for Architectural Engineering <i>Weiyu Wu, Qingzhou Fang, Yi Yang</i></p> <p>Towards a new set of tools for a collaborative design environment. <i>Vincent Riboulet, Philippe Marin, Jean-Claude Léon</i></p> <p>Research on Tokamak Conceptual Design Based on Cooperative Template <i>Xiao-ping Liu, Lin Li, Yue-tong Luo, Yi-can Wu, Li-jian Qiu</i></p> </td> <td style="width: 50%; vertical-align: top;"> <p>Knowledge Management (1) <i>From Desktop Operations to Lessons Learned</i> <i>Cesar A. Tacla, Jean-Paul Barthès</i></p> <p>KaViDo - A Web-based System for Collaborative Research and Development Processes <i>Oliver Taminé, Rüdiger Dillmann</i></p> <p>A Collaborative Approach to the Reuse of Scientific Experiments in the Bill of Experiments Tool <i>Leonardo Figueiredo Cardoso, Jano Moreira de Souza, Carlete Marques</i></p> <p>Epistheme: Scientific Knowledge Management Environment in the SpeCS Collaborative Framework. <i>Jonice Oliveira, Jano Moreira de Souza, Julia Celia Mercedes Strauch, Carlete Marques</i></p> <p>Toward a Knowledge-based Framework to Foster Innovation in Networked Organisations <i>Luiz M. Spinosa, Carlos O. Quandt, Milton Pires Ramos</i></p> </td> </tr> </table>	<p>Collaborative Design (1) <i>Multiple Evolution and Concurrent Engineering Design</i> <i>K-M Chao, R. Anane, P. Norman, C-F Tasi and C Reeves</i></p> <p>Sketching and Computer-Aided Conceptual Design <i>Ralph O. Buchal</i></p> <p>The Research and Design of Remote Cooperative CAD Platform for Architectural Engineering <i>Weiyu Wu, Qingzhou Fang, Yi Yang</i></p> <p>Towards a new set of tools for a collaborative design environment. <i>Vincent Riboulet, Philippe Marin, Jean-Claude Léon</i></p> <p>Research on Tokamak Conceptual Design Based on Cooperative Template <i>Xiao-ping Liu, Lin Li, Yue-tong Luo, Yi-can Wu, Li-jian Qiu</i></p>	<p>Knowledge Management (1) <i>From Desktop Operations to Lessons Learned</i> <i>Cesar A. Tacla, Jean-Paul Barthès</i></p> <p>KaViDo - A Web-based System for Collaborative Research and Development Processes <i>Oliver Taminé, Rüdiger Dillmann</i></p> <p>A Collaborative Approach to the Reuse of Scientific Experiments in the Bill of Experiments Tool <i>Leonardo Figueiredo Cardoso, Jano Moreira de Souza, Carlete Marques</i></p> <p>Epistheme: Scientific Knowledge Management Environment in the SpeCS Collaborative Framework. <i>Jonice Oliveira, Jano Moreira de Souza, Julia Celia Mercedes Strauch, Carlete Marques</i></p> <p>Toward a Knowledge-based Framework to Foster Innovation in Networked Organisations <i>Luiz M. Spinosa, Carlos O. Quandt, Milton Pires Ramos</i></p>
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<p>16:00/18:00</p>	<p>Collaborative Design (3) An Object Model for Collaborative CAD Environments <i>C.A.M. Barbosa, Bruno Feijó, Marcelo Dreux, Rubens Melo, João Bento, Sergio Scheer</i></p> <p>A CSCW Method for Designing CRT Correcting Lens <i>Yuxiu Cao, Xipeng Tong, Xiaosong Yang, Long Tang</i></p> <p>A Feature-Based Collaborative CAD System <i>Liangjun Zhang, Min Tang, Ruofeng Tong, Jinxiang Dong</i></p> <p>A Flexible Multimedia Cooperative Product Design Platform Framework <i>Yuchu Tong, Dongming Lu</i></p> <p>Bornite Craftworks Creative Design System Oriented Data Communicating Model <i>Wenbin Zheng, Suqin Men, Qi Huang, Yin Yang, Jiafu Xu</i></p> <p>A Feature Interface Model towards Distributed Solid Modeling <i>Xiaofeng Mi, Min Tang, Jinxiang Dong</i></p>	<p>Distance Learning (1) & Other Applications (1) A Learning Resource Metadata Management System Based on LOM Specification* <i>Zhongnan Shen, Yuanchun Shi, Guangyou Xu</i></p> <p>Portfolio, Intelligent Agents and Web: Professional Education in a Collaborative Online Environment <i>Hilton J. S. de Azevedo, Ana C. S. Bevacqua, Edson E. Scalabrin, Fernanda Hembecker</i></p> <p>Research and Design of Intelligent Teaching Model and Collaborative Learning Mechanism <i>Hong Guo, Jun-ming Sun</i></p> <p>A Cooperation Mechanism for Spatial Information Sharing <i>Chaozhen Guo, Miao Zhuang, Honghong Wang, Xingchen Han, Jia Wu</i></p> <p>Designing and Implementation of Mobile Terminal for Telehealth Care Life Support System <i>Tsutomu Matsumoto, Shin'ichi Ogata, Shigeyasu Kawaji</i></p> <p>Telemedicine System Integrated with Multimedia <i>Shiguang Ju, Tao Cai, Jianping Yong, Xiaohong Zhang</i></p>
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Friday - September 27, 2002

9:00/10:40	<p>Decision Making Support (1) <i>Assisting Decision Making in Requirements Reconciliation</i> <i>Debbie Richards, Kathrin Boettger</i></p> <p>An Inference Model of Temporal Logic in an Intelligent Decision Support System of Salary <i>Dongning Liu, Yong Tang, Na Tang, Wei Wei, Zhi Deng</i></p> <p>Distributed Constraint Management as a Basis for Team Design <i>Dan Grecu, Charles Broderick</i></p> <p>Generation of Group Storytelling in Post-decision Implementation Process <i>Carla Valle, Wolfgang Prinz, Marcos Borges</i></p> <p>Improving meetings by identifying informal roles played by participants <i>Marcos R S Borges, Sueli Mendes, Claudia L. R. Motta</i></p>	Tutorial
10:40/11:00	Coffee Break	
11:00/12:40	<p>Workflow (1) <i>Awareness Extensions in Workflow Management Systems – Elements for Collaboration and Process Learning</i> <i>Renata Mendes de Araujo, Marcos R. S. Borges</i></p> <p>Petri-net-based Context-related Access Control in Workflow Environment <i>Xin Dong, Gang Chen, Jianwei Yin, Jinxiang Dong</i></p> <p>Component Priority Assignment in the Data Flow Dominated Embedded Systems with Timing Constraints <i>Baifeng Wu, Chenglian Peng, Weidong Qiu, Xiaoguang Sun</i></p> <p>E-Commerce Oriented Integrated Cooperative Platform ECIC <i>Meilin Shi, Ruizhi Sun, Xinxiang Chen, Zixing Zhuang</i></p>	Tutorial
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