The Sixth International Conference on
Computer Supported Cooperative Work in Design
Advance Program
July 12-14, 2001, London, Ontario, Canada

University of Waterloo

Western

URL: http://www.cscwid.org/cscwd2001/   E-mail: weiming.shen@nrc.ca

Thursday July 12, 2001		
9:00 – 10:30	9:00 – 9:30: Opening Words: General Chair, Program Committee Co-Chairs 9:30 – 10:30: Keynote Speech: *Ram D. Sriram:* Design Repositories and Product Representation for Collaborative Product Development	
11:00 – 12:30	**CSCW (1)** A Method for Specification of Collaborative Interfaces through the Use of Scenarios *A. Dumont, C. Pietrobon* An Event/Service Interacting Model and Event Detection Based on the Broker/Service Model *P. Yuan, G. Chen, J. Dong, W. Han* Design and Implementation of a Real-time Walkthrough System Supporting Cooperative Manipulation *H. Sun, S. Liu* Supporting Cooperation with Off-the-Shelf Applications in Wired and Wireless Networks *F. Bergenti, A. Poggi, M. Somacher*	**Agents and MAS (1)** Agent-Supported Portals and Knowledge Management in Complex R&D projects *J.P. Barthes, C. Tacla* Web Agents for Spatial Mining on Air Pollution Meteorology *V. Ng, S. Chan, S. Au* Implementation of Multi-Agent System Based on CORBA and COM *X. Tan, S. Wang* The Application of Agent-Based System In Military Logistic C3I System *H. Xu, G. Shu, D. Zhou, Q. Lu*	**Collaborative Design (1)** Co-DARFAD----The Collaborative Mechanical Product Design System *K. Huang, X. Li, B. Yang, W. Pan, S. Cao* Tracking of Design Changes for Collaborative Product Development *H. Xie* Towards Collaborative Design in an Open Hypermedia Environment *D. Hicks, U. Wiil* An Overview of Cognitive Factors in Distributed Design *S. Lang, J. Dickinson, R. Buchal*
2:00 – 3:30	**CSCW (2)** Supporting Group Awareness in Collaborative Design *Y. Liu, Y. Shi, G. Xu* Improving the Selectivity of Awareness Information in Groupware Applications *J. David, M. Borges* The Study of Consistency Control in Asynchronous Cooperative Work Environment *L. Yu, Z. Lin, Y. Guo, S. Lin* Research on Mechanism and Design of Cooperative Template *X. Liu, Z. Hou, X. Liu, X. Du*	**Agents and MAS (2)** Research on Multi-agent for General Group Decision Support System *C. Guo, W. Deng, J. Wu* A Strong Migration Method of Mobile Agents based on Java *H. Wang, G. Zeng, S. Lin* CoDesign - a Collaborative Pattern Design System Based on Agent *B. Jiang, J. Bu, C. Chen* Of Networks, Interactions and Agents: An Approach for Social Network Analysis *P. Temdee, L. Korba*	**Collaborative Design (2)** Design and Implementation of the Intelligent Cooperative Design System *P. Zhang, R. Li* A Visual Part Library – GS-PM *M. Tang, J. Dong, X. Tang* Parametric Modeling with User-defined Features *M. Tang, Y. Wen, X. Mi, J. Dong* Research on Network Based Conceptual Design *C. Ma, H. Wang, G. Dai*
4:00 – 5:30	**CSCW (3)** X-Arc Spatial Data Integration in the SPeCS Collaborative Design *G. Pinto, S. Medeiros, J. Souza, J. Strauch, C. Marques* Managing dynamic shared state in virtual space for collaborative design *X. Li, C. Yang, T. Li* Collaborative Technique Integration in Knowledge Management *K. Su, T. Liu, S. Hwang* On Sharing of Objects in Concurrent Design *A. Frank, B. Mitschang*	**Agents and MAS (3)** A Dynamic Server Agent for Verifying theSecurity and Integrity of a Web site's Contents *S. Sedaghat, J.Pieprzyk, E. Vossough* A Framework for Intelligent Agents within Effective Concurrent Design *K. Chao, A. James, P. Norman* Research on Integrated Model Based on XML,CORBA and Agent *H. Guo, R. Chen, L. Hu* Architectural Properties of CSCWD System Based on Multi C 2 D 2 –Agent *X. Zhan, Z. Lin, G. Xu, Y. Guo*	**Collaborative Design (3)** Collaborative Model for Concurrent Product Design *P. Song, M. Tang, J. Dong* Proposed Framework and Implementation Techniques of Computer Supported Cooperative Design system for Architecture Engineering *W. Wu, P. Pan, H. Li, W. Yu* Volume Modelling in a Feature Based Product Modeling System *M. Tang, J. Dong, C. Yu* AI Supported Computer-Generated Pen-and-Ink Illustration *Y. Gu, S. Xu, M. Tang, J. Dong*
Friday July 13, 2001		
8:30 – 10:00	**CSCW (4)** A Web-based Collaborative Workspace Using Java3D *L. Wang, B. Wong, W. Shen, S. Lang* A Platform for Multiuser Shared Virtual Reality *J. Zhang, F. Li, H. Li* Integrity Validation for Object Versions in a Co-operative Design Environment *J. Goonetillake , T. Carnduff, W. Gray* Towards Distributed Privacy for CSCW *L. Korba*	**Databases** Update Algorithms for the Sketch Data Model *M. Johnson, R. Rosebrugh* Database Support for Evolving Data in Product Design *D. Posselt, G. Hillebrand* Cycling loop Query's Processing Strategy On Semistructured Data Model *J. Le, X. Lin* A Main Memory Database Method Supporting Synchronous Cooperative Application *Q. Li, Z. Lin, Y. Guo, S. Lin*	**Collaborative Design (4)/W2** Cooperative Design Process Modeling *G. Zhao, J. Deng* Supporting Negotiation in Concurrent Design Teams *R. Barker, L. Holloway, A. Meehan* A case study on distributed, collaborative design: investigating communication and information flow *S. MacGregor, A. Thomson, N. Juster* POPIM: Pragmatic Online Project Information Management for Collaborative Product Development *G. Huang, X. Feng, K. Mak*

10:30 – 12:00	**CSCW (5)**	**Distance Learning (1)**	**Collaborative Design (5)/W2**
	A new Algorithm of Collision Detection in Virtual Space for Collaborative Design *X. Li, C. Yang, T. Li*	Cooperative Mechanism for Real Time Long-distance Teaching System *J. Luo, J. Wei, H. Xu*	
	System Model and Implementation of Constraint-Based Distributive Conceptual Design Systems *Y. Xu, S. Sun, Z. Lin*	Integrated Process Design for E-Learning: A Case Study *H. Ahmad, Z.M. Udin, B.Z. Yusoff*	
	Collaborative Discussion and Decision-Support in a Manufacturing Organization *A. da Silva, R. Bonacin, M. Baranauskas*	Extracting WEB Table Information in Cooperative Learning Activities based on Abstract Semantic Model *N. Gu, G. Wu, X. Wu, B. Shi*	
	Cooperation as a Communication process *J. Kotowicz, X. Briffault*	The Cooperative System For Evaluation of Multimedia Courseware *M. Zuo, X. Zhu*	