Final Programme for CSCWD 2005

24, May, 2005 (Tuesday)

8:30	Registration		
9:10	Opening		
9:30	Keynote Speech by Prof. Ken Wallace, Cambridge University, UK		
10:30	Coffee Break		
10:45~ 12:45	CM (6)	DM-1 (6)	GWT-1 (6)
12:45	Lunch		
13:45	Keynote Speech by Prof. Mike Luck, Southampton University, UK		
14:45~ 16:05	GC-1 (4)	MAS-1 (4)	WM (4)
16:05	Coffee Break		
16:20~ 18:20	VRCAD (6)	DM-2 (6)	Special Session (Europe and Asia)
19:00	Tour at City Centre		
20:00	Reception at Guildhall		

25, May, 2005 (Wednesday)

8:30	Registration		
9:00	Keynote Speech by Prof. dr. ir. W.M.P. van der Aalst Technische Universiteit eindhoven, Netherlands		
10:00	Coffee Break		
10:45~ 12:45	CSCWS (6)	AI (6)	DMT-1 (6)
12:45	Lunch		
13:45	Keynote Speech by Prof. Daizhong Su, Nottingham Trent University, UK		
14:45~ 16:05	GC-2 (4)	EL (4)	DIM (4)
16:05	Coffee Break		
16:20~ 18:00	NM (5)	SWKM-1 (5)	MAS-2 (5)
19:00	Conference Banquet (Warwick Castle)		

26, May, 2005 (Thursday)

9:10~ 10:30	SWKM-2 (4)	DMT-2 (4)	GWT-2 (4)
10:30	Coffee Break		
10:45~ 12:05	DMT-3 (4)	DM-3 (4)	MAS-3 (4)
12:05	Lunch		

CM (Coordination Methods)

Session Chair:

825	Title: Co-ordination aided Computational Design Authors: Graham Coates
598	Title: A Conflict Resolution Methodology Based on Technology and Sociology ------A Complex-System Approach Authors: Hongwei Jia, Weiqing Tang, Tao He, Fei Kong
561	Title: Enhancing Coordination in Global Cooperative Software Design Authors: Bin Xu, Xiaohu Yang, Zhijun He, Albert Ma
600	Title: The Research on The Software Architecture of Negotiatory Synthetical Forecasting GDSS Based on J2EE Authors: Chaozhen Guo, Kun Guo, Wei Lin, Lin Zhihong
668	Title: The Use of Paraconsistent Logic in Negotiation Among Artificial Organizations Authors: Fabiano M. Hasegawa, Br´aulio C. ´Avila, Marcos A. H. Shmeil
521	Title: Research on the Bilateral Negotiation Algorithms of Cooperative Design System Based on Genetic Algorithm Authors: Wen-Bin Hu, Shao-Mei Wang

DM-1 (Design Management-1)

Session Chair:

585	Title: Auditing communication in design: A maturity grid-inspired approach Authors: Anja M Maier, Claudia M Eckert, P John Clarkson
508	Title: Constraint Access Control for Direct Authorization Authors: Wei-Li Han, Xing-Dong Shi, Yin-Sheng Li
520	Title: System Forecast Locking in Collaborative Pattern Design Authors: Jiajun Bu, Jianxv Yang, Chun Chen, Bo Jiang
542	Title: Implementation and Application of the Distributed Collaborative Design Platform Based on Pattern Design Authors: Bin Gong, Xiangxu Meng, Chenglei Yang
592	Title: A Flexible Development Platform for Enterprise Application System Evolution Authors: WenAn Tan, Jian-ming Zhao
693	Title: A Model of The Work – Situation in order to Improve Traceability Process in Collaborative Design Authors: Farouk Belkadi, Eric Bonjour, Maryvonne Dulmet

GWT-1 (Groupware and Web-based Technologies-1)

Session Chair:

744	Title: BW-M: A Framework for Awareness Support in Web-Based Groupware Systems Authors: Manuele Kirsch-pinheiro, Marlene Villanvoa-Oliver, Jerome Gensel, Herve Marin
762	Title: Collaboration in Design and Manufacturing Process Using Web Services Semantics Authors: Woongsup Kim, Moon-Jung Chung
801	Title: Data Description Norm and Key Techniques of Web-based Parts Library Authors: Yingguang Li, Yong Lu, Wenhe Liao, Zongkai Lin
808	Title: Breakdown Analysis on Distributed Group Communication Authors: Lai-Chung Lee, Whei-Jane Wei
823	Title: Design Web Services-based Framework for Online Experiment Systems Authors: Yuhong Yan, Yong Liang, Xinge Du
797	Title: Quality Guarantee for WSDL-based Services Authors: Boris Y L Chan, Vincent Ng, Stephen Chan

GC-1 (Grid Computing -1)

Session Chair:

605	Title: Research and implementation of graphic service grid system Authors: Tao Cai, ShiGuang Ju, XiangMei Song, DeJiao Niu
696	Title: A Trading Supported Manufacturing Resource Sharing Model for Manufacturing Grid Authors: Lei Wu, Xiangxu Meng, Shijun Liu, Yexin Tong, Min Wei
538	Title: Research of Architecture for Grid Manufacturing Authors: Xiao-lin Zheng, De-ren Chen, Lin Lu
648	Title: A Semantic Access Control Model for Grid Services Authors: Xiaopeng Wang, Junzhou Luo, Aibo Song

MAS -1 (Multi-Agent Systems-1)

Session Chair:

686	Title: An Agent-based Web Service Searching Model Authors: Tiantian Zhang, Junzhou Luo, Weining Kong
511	Title: Research on The Negotiation Mechanism Of Multi-Agent System Based on Game Theory Authors: Wen-Bin Hu, Shao-Mei Wang
590	Title: Agent-Based Interaction Model For Collaborative Virtual Environments Authors: Xiao-Hong Mi, Jia-Xin Chen
626	Title: ADDI: an Agent-based Extension to UDDI for Supply Chain Management Authors: Zhang Mi, Cheng Zunping, Joshua Z. Huang, Frank Tong, Li Yinsheng

WM (Workflow Management)

Session Chair:

707	Title: A Workflow-Based Distributed Multidisciplinary Design Optimization Framework Authors: Dongcai Shi, Jianwei Yin, Gang Chen, Jinxiang Dong
506	Title: A Flow-based Network Monitoring System used for CSCW in Design Authors: Bo Yang, Yi Li, Yiqi Sun, Runyuan Sun
629	Title: Modeling Flexible Workflow Based on Temporal Logic Authors: Yi Duan, Huadong Ma
761	Title: A Workflow-Centric, Context-Aware Collaboration Framework Authors: Jinqiao Yu, Y. V. Ramana Reddy, Sentil Selliah, Srinivas Kankanahalli, Sumitra Reddy, Vijayanand Bharadwaj

VRCAD (Virtual Reality and CAD)

Session Chair:

621	Title: A Multi-user Videoconference-based Collaboration Tool: Design and Implementation Issues Authors: Cesar T. Pozzer, Luciana S. Lima, Alberto B. Raposo, Carlos J. G. Vieira
690	Title: An operation-based exchange mechanism in heterogeneous CAD collaboration Authors: Chun Chen, Shensheng Zhang, Zheru Chi, Chen Wang
694	Title: A Collaborative Editing Environment for 3D Shape Object Authors: Dongxing Teng, Hongan Wang, Guozhong Dai, Xinghui Dong

716	Title: A VR-Centred Workspace for Supporting Collaborative Urban Planning Authors: Jialiang Yao, Terrence Fernando, Hissam Tawfik, Richard Armtiage, Iona Billing
753	Title: A Cooperative Hypermedia Approach to Supporting Team Building Activities Authors: Weigang Wang, Stephen Mogan
616	Title: Adaptive-weighted Hidden Markov Models based 3D Model Classification Authors: Haili Wang, Jinian Bian, Qiang Wu, Yunfeng Wang

DM-2 (Design Management-2)

Session Chair:

780	Title: The VoiceXML Dialog System for the E-Commerce Ordering Service Authors: Min-Jen Tsai
609	Title: A Resource-based CSCW Supporting Environment for Rapid Design Authors: Hongming Cai, Yuanjun He, Yong Wu
637	Title: Enhancing Intelligent User Assistance in Collaborative Design Environments Authors: Yue Zhang, Hamada Ghenniwa, Weiming Shen
723	Title: ESIDE - Embedded System Design Environment Based on Eclipse Platform Authors: Xuegong Zhou, Yan Chen, Liang Liang, Chenglian Peng, Hao Shen, Jingyao Zhang
815	Title: An Innovative Scheme for Model Consistency in Collaborative Design Environment Authors: Chenhui Yang, Zhiyuan Tang, Bucai Ye, Song Yan
631	Title: Fair e-Payment Protocol Authors: Jingwei Liu, Weidong Kou, Rong Sun

Special Session: Web-based Collaboration Research supported by EU Asia IT&C and Asia-Link Programmes

Session Chair:

816	Title: Research on 3D Feature Modeling technology for Internet-driven Collaborative Design Authors: Xiaoan Chen, Tianhong Luo, Ye He, Wei Zhou, Dongmei Sun
820	Title: Application of Internet Techniques into Online Collaborative Design and Manufacture Authors: Daizhong Su, Jiansheng Li, Yu Xiong, Yongjun Zheng
817	Title: Service Oriented Software Package Bank Authors: Yu Xiong, Ji Liu, Peter Fitzgerald, Daizhong Su
779	Title: Development of a Web-based Collaborative Manufacturing System for Parallel Kinematic Machines Authors: Shisheng Zhong, Yan Zhang, Lin Lin, Daizhong Su
789	Title: Web-based Virtual Machining and Measuring Cell Authors: Yingxue Yao, Changqing Liu, Jianguang Li
664	Title: Knowledge Based Distributed Product Design and Manufacturing Authors: Iñigo Mendikoa, Mikel Sorli, Jose I Barbero, Ana Carrillo
773	Title: Object-Oriented Distributed Workflow Management System Authors: Lin Lin, Shisheng Zhong, Zhixing Wang
618	Title: A Heterogeneous Collaborative Design Environment with Dynamic Management Features Authors: Shuyan Ji, Daizhong Su

CSCWS (CSCW Systems)

Session Chair:

830	Applying Secret Sharing Schemes to Service Reputation Authors: Akbar S. Namin, Ruizhong Wei, Weiming Shen, Hamada Ghenniwa

731	Title: Research And Realization Of Software Testing Model Based on CSCW Authors: WenJian Liang, XiuFen Fu, Zhenkun Li, Rong Xiao, JunFeng Hu
709	Title: Improving Network Organizations through Collaborative Support Authors: Erick A. Rezende, Flávia M. Santoro, Marcos R. S. Borges
785	Title: Applications Of Finite Eelement Method In PDC Mold Design Authors: Si-Zhu Zhou
826	Title: Engineering Knowledge Application in Collaborative Design Authors: Linfu Sun, Weizhi Liao
653	Title: The Design and Implementation of a Novel Platform for Medical Data Visualization Authors: Jian Xue, Jie Tian, Mingchang Zhao, Huiguang He

AI-1 (AI Approaches)

Session Chair:

597	Title: An Intelligent Speech Interface for Personal Assistants in R&D Projects Authors: Emerson Cabrera Paraiso, Jean-Paul A. Barthès
669	Title: Specifying Powerful Rules to Govern Collaborative Environments Authors: Luiz Camolesi Jr., Luiz Eduardo Galvão Martins
687	Title: An Application of DICOM Architecture for Detecting Plagiarism in Natural Language Authors: Heon Kim, Yang-koo Kang, Byung-Jin Kwon, Moon-Hyun Kim
819	Title: Applying Distributed Cognition to Cooperative Design Authors: Changzhi Deng, Changqing Wang, Hongan Wang, Guozhong Dai
525	Title: Design Optimization by Functional Neural Networks Authors: Xiyu Liu, Huichuan Duan, Mingxi Tang
827 (24, 25)	Title: Using Neural Network Categorization Method to Develop an Innovative Knowledge Management Technology for Patent Document Classification Authors: Amy J.C. Trappey, Simon C.I. Lin, Albert C.L. Wang

DMT-1 (Design Methods and Tools-1)

Session Chair:

643	Title: Collaborative Product Development in SMEs: Requirements and a Proposed Solution Authors: Xiaozhen Mi, Weiming Shen, Wenzhong Zhao
700	Title: OSM: An Organizational State Machine Model for CSCW Systems Authors: Shichao Zhang, Yinjun Xu, Ning Gu
712	Title: Cooperative Design and Data Management of Virtual Museum Based on Voronoi Diagram Authors: Yan-Ning Xu, Lu Wang, Xiao-Ting Wang, Cheng-Lei Yang, Xiang-Xu Meng
788	Title: The Structure Representation for the Concurrent Analysis of Product Assembly and Disassembly Authors: Jyh-Cheng Yu, Yi-Ming Li
807	Title: A Language Supporting Function/Architecture Co-design of SoC Authors: Guochen Feng, Facun Zhang, Guang Wang,Yi Zhao, Xubang Shen
507	Title: Supporting Creative Thinking in Design with Computational Approach Authors: Hong Liu, Huichuan Duan, Xiyu Liu

GC-2 (Grid Computing -2)

Session Chair:

675	Title: On-demand Virtual Studios and Laboratories based on Grid Technologies for Project- based Cooperative Design and Engineering Authors: Oscar Ardaiz-Villanueva

792	Title: Metadata Model in Grid Database and its Application Authors: Liyan Liu, Hua Li, Zongkai Lin
798	Title: Resource Scheduling Model for Grid Computing Based on Sharing Synthesis of Petri Net Authors: Yaojun Han, Changjun Jiang, Xuemei Luo
758	Title: Design and Implementation of Enabled Grid-Based Digital Museum Authors: Hai Guo, Hui Xiang, Xiang-xu Meng, Cheng-lei Yang, Lu Wang, Jian Li

EL (E-Learning)

Session Chair:

806	Title: Supporting Collaborative Learning in Engineering Design Authors: Susan Finger, Dana Gelman, Anne Fay, Michael Szczerban
501	Title: Developing a Collaborative Virtual Learning Model for Ubiquitous P2P Grids Authors: Jinan A.W. Fiaidhi, Sabah M.A. Mohammed
601	Title: Workflow-based e-Learning Platform Authors: Jianming Yong
516	Title: Improve the Efficiency of Collaboration Through the Global Task Scheduling in a Learning Assessment Grid Authors: Shengwen Yang, Meilin Shi, Yushun Li, Guiling Wang

DIM (Data and Information Management)

Session Chair:

517	Title: Cooperation of SMV and Jeda for the Property Checking of Mixed Control and Data Intensive Designs Authors: Jianzhou Zhao, Jinian Bian, Weimin Wu
593	Title: Process Data Management in the whole Product Creation Process Authors: Veit Rueckel, Alexander Koch, Klaus Feldmann, Harald Meerkamm
565	Title: Agent-Based Integration of Heterogeneous Database Systems Authors: Lizhen Liu, Hantao Song, Ling Bai
614	Title: Applying MDA in Traditional Database-based Application Development Authors: Bing Li, Shufen Liu, Zhao Yu

NM (Networked Manufacturing)

Session Chair:

695	Title: Resource Organizing in the Manufacturing Grid Authors: Yexin Tong, Xiangxu Meng, Bin Gong, Shijun Liu, Lei Wu
522	Title: Study of ASP Service Lifecycle Management Technologies for Networked Manufacturing System Authors: Yu Chen, Ming Cai, Lanfen Lin, Jinxiang Dong
627	Title: A Novel Method of Modeling Collaborative Processes in Manufacturing Authors: Kwangyeol Ryu, Enver Yücesan
736	Title: Realization of Printing Trade ERP Cooperation by IM Authors: Junfeng Hu, Xiufeng Fu, Pinghua Chen, Biyun Liang, Wenjian Liang
679	Title: Implementing Web-Based Collaborative Manufacturing Management System in Complex Manufacturing Enterprise Workshop Authors: Nan Lin, Yuqing Fan, Riaz Ahmad, Biao Meng

SWKM-1 (Semantic Web and Knowledge Management -1)

Session Chair:

579	Title: An Object-Oriented Integrated Knowledge Approach to Internet-Based Product Collaborative Conceptual Design Authors: Shijian Luo, Shouqian Sun, Yunhe Pan
557	Title: Ontology Modeling Framework for Automated Information Integration of Components Libraries Authors: Joonmyun Cho, Soonhung Han, Hyun Kim
594	Title: Knowledge Integration in Early Design Stages for Collaboration on a Virtual Mock Up Authors: Indira Thouvenin, Dominique Lenne, Anne Guenand, Stephane Aubry
613	Title: B-FES/o: An Ontology-Based Scheme for Functional Modeling in Design for Semantic Web Applications Authors: W. Y. Zhang, L. F. Lin, R. F. Tong, X. Li, J. X. Dong
795	Title: The Shared Knowledge Space Model in Web-based Cooperative Leaning Coalition Authors: Qi-Rong Mao, Jin-Feng Wang, Jin-Fu Ye, Zhi-Feng Xie, Yong-Zhao Zhan

MAS -2 (Multi-Agent Systems-2)

Session Chair:

721	Title: A Cooperative Multi-Agent Platform for Invention based on Ontology and Patent Document Analysis Authors: Von-Wun Soo, Szu-Yin Lin, Shih-Yao Yang, Shih-Neng Lin, Shian-Luen Cheng
682	Title: Similarity-Based Knowledge Agents for Cooperative Design Authors: Daniel Pinho, Adriana S. Vivacqua, Sérgio Medeiros, Jano M. de Souza
666	Title: Knowledge Representation in an Agent-Based Collaborative Product Design Environment Authors: Jian Xun Wang, Ming Xi Tang
667	Title: Analyses of Conflict among Exception in Multi-Agent System and an Integrated Management Mechanism Authors: Yi Jiao, Qi Zhu, Hui Lv, Baifeng Wu
746	Title: CUMBIA: An Agent Framework to Detect Opportunities for Collaboration Authors: Melfry Moreno, Adriana Vivacqua, Jano de Souza

SWKM-2 (Semantic Web and Knowledge Management -2)

Session Chair:

748	Title: Peer-to-Peer Collaborative Integration of Dynamic Ontologies Authors: Juliana Lucas de Rezende, Jairo Francisco de Souza, Jano Moreira de Souza
767	Title: Thoth: Improving Experiences Reuses in the Scientific Environment through Workflow Management System Authors: Elder Bomfim, Jonice Oliveira, Jano M. de Souza, Julia Strauch
639	Title: Interdisciplinary Knowledge Sharing in Solution Elements Based Virtual Prototyping of Mechatronic Systems Authors: Qing Shen, Michael Grafe, Jochen Bauch, Rafael Radkowski
752	Title: An Application of web-business with Ontology's constructed from a Database for Decision-Making Authors: Cezar Augusto Schipiura, Edson Emilio Scalabrin

DMT-2 (Design Methods and Tools-2)

Session Chair:

555	Title: DynG: Enabling Structured Non-Monolithic Electronic Collaboration Authors: Willy Picard, Thomas Huriaux
566	Title: Requirements for the Design of Tools for Computer-supported Collaborative Work (CSCW) in Design Authors: Phebe Mann
596	Title: An Awareness Mechanism for Enhancing Cooperation in Design Teams Authors:Cesar Augusto Tacla, Fabricio Enembreck
658	Title: Differential Treatment of Web Services-based Collaborative Applications Authors: Irfan Awan, Muhammad Younas

GWT-2 (Groupware and Web-based Technologies-2)

Session Chair:

633	Title: TeamWorks: Supporting and Stimulating Participation in Communities of Practice Authors: Maria Teresa A. Gouvêa, Claudia L. R. Motta, Flávia M. Santoro
652	Title: Analyzing Groupware Design by means of Usability Results Authors: Pedro Antunes, Marcos R. S. Borges, Jose A. Pino, Luis Carriço
670	Title: InterDOC: Reference Architecture for Interoperable Services in Collaborative Writing Environments Authors: Rita Suzana Pitangueira Maciel, Nelson Souto Rosa, Carlos André Guimarães Ferraz
755	Title: A Study on the Effective Protection of Digital content Based on Real-Time Fingerprint Recognition Mechanism in the Digital Library Authors: Yang-Koo Kang, Pyung-Jin Kwon, Heon Kim, Moon-Hyun Kim

DMT-3 (Design Methods and Tools-3)

Session Chair:

673	Title: Business Template Generation for Supporting Collaborative Design Works in Mould Companies Authors: Yongju Cho, Kwangyeol Ryu, Jongduk Kim, Sunghee Lee, Choonseong Leem
702	Title: A Formal Description of Preparation Processes for Geometric Models to Improve Downstream Activities Integration in the Design Process Authors: G. Drieux, J.-C. Léon, N. Chevassus, F. Guillaume
708	Title: Organisation Modelling on Collaborative Process: A Pattern-based Approach Authors: José Luis Isla Montes, Francisco L. Gutiérrez Vela, Miguel Gea Megías
714	Title: Cooperative Business Collaboration: Business Process Modeling using UN/CEFACT UMM Authors: Kyeongrim Ahn, Hyuncheol Kim, Jinwook, Chung

DM-3 (Design Management-3)

Session Chair:

503	Title: Study of an Optimistic Protocol for Concurrency Management in CSCW Authors: Eric Garcia, Julien Henriet, Jean-Christophe Lapayre
611	Title: Management of Shared Context Dynamics in Software Design Authors: Flavia Maria Santoro, Patrick Brézillon, Renata Mendes de Araujo
726	Title: Scalable Distributed Virtual Environments Using Multicast Application Level Authors: Ronaldo Celso Messias Correia, Sergio Roberto M. Pellegrino, Rogério Eduardo Garcia
768	Title: Introduction to Development of an e-Engineering Framework for the Automotive Module Design System

	Authors: Seong-Whan Park, Jai-Kyung Lee, Byung-Chun Shin

MAS -3 (Multi-Agent Systems-3)

Session Chair:

612	Title: Supporting Peer-To-Peer Collaboration Through Trust Authors: Nathan Griffiths, Shanghua Sun
665	Title: Diagnosing Plan Failures in Multi-Agent Systems Using Abstract Knowledge Authors: N. Shah, K-M. Chao, N. Godwin, A. James
674	Title: Agent based workflow ontology for dynamic business process composition Authors: Shuying Wang, Weiming Shen, Qi Hao
602	Title: An Agent Related Intelligent Search Technology on the web information retrieval system Authors: J Lu, U Rahman, H Chen