

# **Proceedings of the 2013 IEEE 17th International Conference on Computer Supported Cooperative Work in Design (CSCWD)**

June 27-29, 2013  
Whistler, BC, Canada

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# Proceedings of the 2013 IEEE 17<sup>th</sup> International Conference on Computer Supported Cooperative Work in Design (CSCWD)

June 27-29, 2013, Whistler, BC, Canada

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## Preface

Welcome to the 2013 IEEE 17th IEEE International Conference on Computer Supported Cooperative Work in Design (CSCWD 2013).

It is my great pleasure to host the CSCWD conference again in Canada, this time in beautiful Whistler, British Columbia, after 12 years since CSCWD 2001 which was held in London, Ontario.

Design of complex artifacts, systems, processes, and services requires the cooperation of multidisciplinary design teams. The 2013 IEEE 17th International Conference on Computer Supported Cooperative Work in Design (CSCWD 2013) provides a forum for researchers and practitioners involved in different but related domains to confront research results and discuss key problems. The scope of CSCWD 2013 includes the research and development fields of collaboration technologies and applications to the design of processes, products, systems, and services in industries and societies. Such technologies include collaboration methods, mechanisms, protocols, software tools, platforms, and services that support collaboration and coordination among people, software and hardware systems. Related fields of research include collaborative workflows, collaborative virtual environments, collaborative workspaces, collaborative wireless sensor networks, interoperability, ontology and semantics, security and privacy, as well as social aspects and human factors related to collaboration. Application domains include aerospace, automotive, manufacturing, construction, logistics, transportation, power and energy, healthcare, infrastructure, administration, social networks, and entertainment.

The CSCWD 2013 Program Committee has developed an exciting technical program including three keynote speeches by internationally recognized researchers in the related areas and 21 technical sessions with 116 paper presentations. The proceedings contain 116 papers co-authored by about 380 researchers from 27 countries.

I would like to thank all the co-chairs and members of the Program Committee for their efforts in putting together such a comprehensive program. Special thanks are due to the authors who contributed to this conference. This conference would not have been possible without their strong supports.

I would also like to thank all the chairs and members of the Organizing Committees as well as all the volunteers for taking care of all the details to make this conference successful.

Weiming Shen, PhD, FIEEE, P.Eng.  
CSCWD 2013 Conference Chair

## Table of Contents

### Keynote Papers

<a href="#"><u>Internet of Things: Recent Advances and Applications</u></a>	1
<i>Mengchu Zhou,</i>	
<a href="#"><u>Trends in Information and Communication Technologies for Construction: Past, Present and Future</u></a>	2
<i>Thomas Froese</i>	
<a href="#"><u>Sharing Summarised Semantic Data Rather Than Just Data</u></a>	3
<i>Kuo-Ming Chao</i>	

### Collaboration Methods and Techniques

<a href="#"><u>Inference of Differential Equations by M-MEP for Cement Hydration Modeling</u></a>	4
<i>Bo Yang, Qingke Zhang, Lin Wang and Yi Li</i>	
<a href="#"><u>Solving Two Special Dependency Conflicts in Real-time Collaborative Design Systems</u></a>	11
<i>Liping Gao, Shuxian Guo, Yuben Zhang, Shanshan Wang, Qingkui Chen and Tun Lu</i>	
<a href="#"><u>Dynamically Modeling Users with MODUS-SD and Kohonen's Map</u></a>	17
<i>Lucas Galette, Milton Ramos, Julio Nievola and Emerson Paraiso</i>	
<a href="#"><u>Multi-Granularity Partial Encryption Method of CAD Model</u></a>	23
<i>Xiantao Cai, Fazhi He, Weidong Li, Xiaoxia Li and Yiqi Wu</i>	
<a href="#"><u>Cooperative Discrete Particle Swarms for Multi-mode Resource-constrained Projects</u></a>	31
<i>Hong Shen and Xiaoping Li</i>	
<a href="#"><u>Effort-Based Incentives for Resource Sharing in Collaborative Volunteer Applications</u></a>	37
<i>Davide Vega, Roc Meseguer, Felix Freitag and Sergio Ochoa</i>	
<a href="#"><u>Fuzzy Prospective Scenarios in Strategic Planning in Large-Group Decision</u></a>	43
<i>Sergio Palma J. Medeiros, Jano de Souza, Vanessa Janni Epelbaum and Maria Gilda P. Esteves</i>	
<a href="#"><u>Towards Cross-Platform Collaboration - Transferring Real-Time Groupware to the Browser</u></a>	49
<i>Matthias Wenzel, Lutz Gericke, Raja Gumienny and Christoph Meinel</i>	
<a href="#"><u>A Survey of Languages to Represent Collaboration as a Means of Designing CSCW Facilities in RDL</u></a>	55
<i>Edson Lucas, Daniel Schneider, Toacy Oliveira and Jano de Souza</i>	
<a href="#"><u>Mix4Crowds - Toward a Framework to Design Crowd Collaboration with Science</u></a>	61
<i>Alexandre P. Uchoa, Maria Gilda P. Esteves and Jano M. de Souza</i>	
<a href="#"><u>Collaborative Information Gathering and Recommendation Using Mobile Computing</u></a>	67
<i>Jonice Oliveira, Andressa Silva and Raphael Franckini</i>	

<a href="#"><u>Simulation of CTCS-3 Protocol with Temporal Logic Programming</u></a>	72
<i>Peng Zhang, Zhenhua Duan and Cong Tian</i>	
<a href="#"><u>Supporting Information Exchange Among Software Developers Through The Development Of Collaborative Information Retrieval Utilities</u></a>	78
<i>Adam Grzywaczewski, Rahat Iqbal, Anne James and John Halloran</i>	
<a href="#"><u>Hybrid Profiling in Information Retrieval</u></a>	84
<i>Mandeep Pannu, Anne James and Rachid Anane</i>	
<a href="#"><u>Automatic Enhanced CDFG Generation based on Runtime Instrumentation</u></a>	92
<i>Zhongda Yuan, Yuchun Ma, Jinian Bian, and Kang Zhao</i>	
<a href="#"><u>Efficient Custom Instruction Generation Based on Characterizing of Basic Blocks</u></a>	98
<i>Guoqiang Liang, Yuchun Ma, Kang Zhao and Jinian Bian</i>	
<a href="#"><u>A Collaborative Strategy for Reliability-based Multidisciplinary Design Optimization</u></a>	104
<i>Jun Zhang and Bing Zhang</i>	
<a href="#"><u>Multidisciplinary Design Optimization under Uncertainties based on BLISS and PMA</u></a>	110
<i>Jun Zhang and Bing Zhang</i>	
<a href="#"><u>Research on Collaborative IT Governance Model Oriented to Business Architecture</u></a>	116
<i>Shaohua Zhang, Shuang Yang and Jundian Song</i>	
<a href="#"><u>Multi-user Mass Satellite Image Collaborative Scheduling Scheme Research</u></a>	121
<i>Lei Liu, Lin Li and Xiaoping Liu</i>	

### **Agents and Multi-Agent Systems**

<a href="#"><u>A Distributed Algorithm for Agent Coalition Formation with Complex Tasks</u></a>	127
<i>Hao Wang, Jian Cao and Xiaogang Wang</i>	
<a href="#"><u>A Muti-Agent Membrane Computing Technique for Conceptual Design</u></a>	133
<i>Xiyu Liu, Jie Xue and Xiaolin Yu</i>	
<a href="#"><u>The Cooperative Reinforcement Learning in a Multi-Agent Design System</u></a>	139
<i>Hong Liu</i>	
<a href="#"><u>An Efficient Approach to Group Role Assignment with Conflicting Agents</u></a>	145
<i>Haibin Zhu and Luming Feng</i>	
<a href="#"><u>Negotiation Environment for Enterprise Interoperability Sustainability</u></a>	153
<i>Tiago Santos, Carlos Coutinho, Ricardo Goncalves and Adina Cretan</i>	

### **Collaborative Workflows**

<a href="#"><u>Design Communication Types in a Buyer-Supplier Relationship</u></a>	159
<i>Venlakaisa Hölttä, Petri Mannonen and Sampo Teräs</i>	
<a href="#"><u>SLAs Detective Control Model for Workflow Composition of Cloud Services</u></a>	165
<i>Yong Sun, Wenan Tan, Ler Li, Guangzhen Lu and Anqiong Tang</i>	
<a href="#"><u>A Provenance-based Solution for Software Selection in Scientific Software Sharing</u></a>	172
<i>Xing Huang, Tun Lu, Xianghua Ding, Tiejiang Liu and Ning Gu</i>	
<a href="#"><u>A Novel BOM based Multi-Resolution Model for Federated Simulation</u></a>	178
<i>Chun Zhang, Huachao Mao, Gongzhuang Peng and Heming Zhang</i>	
<a href="#"><u>Modeling Highly Collaborative Processes</u></a>	184
<i>Pedro Antunes, Valeria Herskovic, Sergio Ochoa and Jose A. Pino</i>	
<a href="#"><u>A Notation for Knowledge-Intensive Processes</u></a>	190
<i>Joanne Manhães Netto, Juliana B. S. França, Flavia A. Santoro, Fernanda Araujo Baiao and Flavia M. Santoro</i>	

### **Collaboration Platforms, Software Tools, and Services**

<a href="#"><u>ESaaS: A New Software Paradigm for Supporting Higher Education in Cloud Environment</u></a>	196
<i>Md. Anwar Hossain Masud and Xiaodi Huang</i>	
<a href="#"><u>A Collaborative Platform for Facilitating Standard Cell Characterization</u></a>	202
<i>Azam Beg, Amr Elchouemi and Raahim Beg</i>	
<a href="#"><u>An Intents-based Approach for Service Discovery and Integration</u></a>	207
<i>Cheng Zheng, Weiming Shen and Hamada Ghenniwa</i>	
<a href="#"><u>A Framework for Developing Distributed Collaborative Applications Using HTML5</u></a>	213
<i>Nelson Baloian, Francisco Gutierrez and Gustavo Zurita</i>	
<a href="#"><u>An Intelligent Network User Behavior Analysis System Based on Collaborative Markov Model and Distributed Data Processing</u></a>	221
<i>Tao Wu, Hui He, Xiqian Gu, Ying Peng, Yi Zhang, Yuntao Zhou and Senzhe Xu</i>	
<a href="#"><u>Learning Context to Adapt Business Processes</u></a>	229
<i>Juliana do E. Santo Carvalho, Flavia M. Santoro, Kate Revoredo and Vanessa Tavares Nunes</i>	
<a href="#"><u>Supporting Component Presence Notifications in Software Development</u></a>	235
<i>Ramon R. Palacio, German Padilla, Alberto L. Morán, Joaquín Cortez and Aurora Vizcaino</i>	
<a href="#"><u>Collaboration Tools for Multi-User CAD</u></a>	241
<i>Tom Nysetvold and Chia-Chi Teng</i>	

<a href="#"><u>Development and Application of Optimization Model for Customized Text Summarization</u></a>	246
<i>Jiang-Liang Hou and Yong-Jhih Chen</i>	
<a href="#"><u>Improving the Support to Decision Making in Medium-sized Urban Emergencies</u></a>	251
<i>David Suarez, Alvaro Monares, Sergio Ochoa, Jose A. Pino and Manuel Ibarra</i>	

### **Ontology and Interoperability**

<a href="#"><u>Ontology-based Dental Implant Connection Patent Analysis</u></a>	257
<i>Amy J.C. Trappey, Charles V. Trappey, Hsin-Yi Peng and Tong-Mei Wang</i>	
<a href="#"><u>An Abstract Model for Identifying Potential Teams and Communities</u></a>	263
<i>Cesar A. Tacla, Eliane de Bortoli, Gustavo Giménez-Lugo, Jean M. Simão, Josiane Dall'Agnol and Emerson Paraiso</i>	
<a href="#"><u>Multi-Domain Multi-Lingual Collaborative Design</u></a>	269
<i>Laurent Wouters, Yuki Kaeri and Kenji Sugawara</i>	
<a href="#"><u>Design and Implementation of Intents User Agent</u></a>	275
<i>Cheng Zheng, Weiming Shen and Hamada Ghenniwa</i>	
<a href="#"><u>ThesIS: A Semantic Interoperability Service for a Middleware Service Oriented Architecture</u></a>	281
<i>Diego Arize, Rita Suzana P. Maciel and José Maria N. David</i>	
<a href="#"><u>An Ontology-Based Agent for Context Aware Software Process Development</u></a>	287
<i>Josivan Pereira de Souza, Cesar A. Tacla, Franciele Beal, Emerson Paraiso and Gustavo A. Gimenez-Lugo</i>	

### **Collaborative computing (Clouds, Grids, and Web Services)**

<a href="#"><u>Towards Minimizing Cost for Composite Data-Intensive Services</u></a>	293
<i>Lijuan Wang, Jun Shen, Changyan Di, Yan Li and Qingguo Zhou</i>	
<a href="#"><u>Evaluations of Heuristic Algorithms for Teamwork-Enhanced Task Allocation in Mobile Cloud-Based Learning</u></a>	299
<i>Geng Sun, Jun Shen, Junzhou Luo and Jianming Yong</i>	
<a href="#"><u>Bidding Specification Language and Winner Determination for Grid Computing Scheduling</u></a>	305
<i>Raafat Omar Aburukba, Hamada Ghenniwa and Weiming Shen</i>	
<a href="#"><u>Scheduling Parallel Task Graphs on Non-dedicated Heterogeneous Multicluster Platform with Moldable Task Duplication</u></a>	313
<i>Jinghui Zhang, Junzhou Luo and Fang Dong</i>	
<a href="#"><u>Collaborative Support for Knowledge-Intensive Processes through a Service-based Approach</u></a>	319

<i>Ednilson Veloso Moura, Flávia Maria Santoro and Fernanda Araujo Baião</i>	
<a href="#"><u>A cooperative intrusion detection model based on granular computing</u></a>	325
<i>Wei Zhang, Shaohua Teng, Xiufen Fu, Jihui Fan, Yi Teng, Haibin Zhu</i>	

### **Collaborative Virtual Environments**

<a href="#"><u>Achieving Critical Consistency through Progressive Slowdown in Highly Interactive Multi-Player Online Games</u></a>	332
<i>Haifeng Shen and Suiping Zhou</i>	
<a href="#"><u>A Configurable Visual Steering Architecture based on 3D Scene Composition</u></a>	338
<i>Han Wang, Hongming Cai and Lihong Jiang</i>	
<a href="#"><u>An Environment to Support the Discovery of Potential Partners in a Research Group</u></a>	344
<i>Tatiana P. V. Alves, Marcos R.S. Borges and Adriana S. Vivacqua</i>	
<a href="#"><u>A Role-Playing-Game Approach to Accomplishing Daily Tasks to Improve Health</u></a>	350
<i>João Paulo Santos Da Silva, Daniel Schneider, Jano de Souza and Marcio Antelio Da Silva</i>	
<a href="#"><u>Multi-view is Useful for More Accurate Understanding of Object in a Virtual Soccer Field</u></a>	357
<i>Kasumi Tarukawa, Tomoo Inoue and Kenichi Okada</i>	

### **Collaboration Technology Applications in Manufacturing**

<a href="#"><u>An Adaptive Intelligent Method for Manufacturing Process Optimization In Steelworks</u></a>	363
<i>Xia Zhu and Xiaoping Li</i>	
<a href="#"><u>Design of E-commerce Development Roadmap for SMEs by DNA Computing Technique</u></a>	369
<i>Xue Bai and Xiyu Liu</i>	
<a href="#"><u>Simulation Study on Collaborative Behaviors in Mass Collaborative Product Development</u></a>	375
<i>Shuo Zhang, Xiaodong Zhang, Yang Hu and Yingzi Li</i>	
<a href="#"><u>Evaluating Part Machining Processes for Low-Carbon and Energy-Efficiency Contexts on Web</u></a>	380
<i>Pingyu Jiang, Chaoyang Zhang, Lei Zhang, Weidong Li and Peihua Gu</i>	
<a href="#"><u>Improved Genetic Algorithm with External Archive Maintenance for multi-Objective Integrated Process Planning and Scheduling</u></a>	385
<i>Xiaoyu Wen, Xinyu Li, Liang Gao, Wenwen Wang and Liang Wan</i>	
<a href="#"><u>Parametric Design of Turbodrill Bearing Section based on VB and Solidworks</u></a>	391
<i>Sizhu Zhou and Lun Qin</i>	
<a href="#"><u>Study on the Collaborative Design System Based on Skeleton Model for High Speed Train Body</u></a>	395

<i>Xiaozhen Mi, Feng Wang, Libin Fu and Daliang Zheng</i>	
<a href="#"><u>A multilevel Modeling Framework for Semantic Representation of Cloud Manufacturing Resources</u></a>	400
<i>Ning Liu and Xiaoping Li</i>	
<a href="#"><u>Parameters Optimization of a Multi-pass Milling Process based on Imperialist Competitive Algorithm</u></a>	406
<i>Yang Yang, Xinyu Li and Liang Gao</i>	
<a href="#"><u>Constructing Federate Collaboration Ontology by UML Profiles</u></a>	411
<i>Yanbing Liu, Hongbo Sun, Tianyuan Xiao and Wenhui Fan</i>	
<a href="#"><u>SIMP based Topology Optimization of a Folding Wing with Mixed Design Variables</u></a>	417
<i>Xiaohui Wang, Zhiwei Lin and Renwei Xia</i>	
<a href="#"><u>A Simplified Electromagnetism-like Mechanism Algorithm for Tool Path Planning in 5-Axis Flank Milling</u></a>	422
<i>Qing Wu, Xinyu Li, Liang Gao and Ying Li</i>	
<a href="#"><u>Solving Multi-objective Flexible Job Shop Scheduling with Transportation Constraints using a Micro Artificial Bee Colony Algorithm</u></a>	427
<i>Zhuangcheng Liu, Shuai Ma, Yanjun Shi and Hongfei Teng</i>	
<a href="#"><u>A Semantic Support to Improve the Collaborative Control of Manufacturing Processes in Industries</u></a>	433
<i>Sara Bouzid, Corine Cauvet, Claudia Frydman and Jacques Pinaton</i>	
<a href="#"><u>Cooperative Service Registries for the Service-based Product Lifecycle Management Architecture</u></a>	439
<i>Stefan Silcher, Jan Königsberger, Peter Reimann and Bernhard Mitschang</i>	
<a href="#"><u>Managing Engineering Analysis Knowledge</u></a>	447
<i>Hongwei Wang, Hao Qin and Heming Zhang</i>	
<a href="#"><u>A Reliability Prediction Method of Process Plan for Aircraft Structural Parts based on Fuzzy Comprehensive Evaluation</u></a>	454
<i>Wangwei Chu, Yingguang Li, Wenping Mou, Changqing Liu and Limin Tang</i>	
<a href="#"><u>Framework for Inter-operative e-Procurement Marketplace</u></a>	459
<i>Sudeep Ghimire, Ricardo Jardim-Goncalves, Antonio Grilo and Miguel Beca</i>	
<a href="#"><u>A Honey-bee Mating Optimization Approach of Collaborative Process Planning and Scheduling for Sustainable Manufacturing</u></a>	465
<i>Xiaoxia Li, Weidong Li, Xiantao Cai and Fazhi He</i>	
<a href="#"><u>Toward a Modeling of Human-centered, Rule-based Cooperative Teamwork</u></a>	471
<i>Xingguang Fu, Marcel Langer and Dirk Söffker</i>	
<a href="#"><u>Optimized Distribution of Product Model by 3D CAD Streaming in Networked Collaborative Design</u></a>	477
<i>Chih-Hsing Chu and Yu-Hsuan Chan</i>	

<a href="#"><u>Mobile Collaboration Technology in Engineering Asset Maintenance: A Delphi Study</u></a>	483
<i>Faisal Syafar and Jing Gao</i>	
<a href="#"><u>Towards A Computer Mediated Methodology for Collaborative Design during the Early Architectural Design Stages</u></a>	489
<i>Marianthi Leon and Richard Laing</i>	
<a href="#"><u>A Self-Stabilizing Protocol for Minimal Weighted Dominating Sets in Arbitrary Networks</u></a>	496
<i>Guangyuan Wang, Hua Wang, Xiaohui Tao and Ji Zhang</i>	
<a href="#"><u>Facilitating Meaningful Collaboration in Architectural Design through the Adoption of BIM</u></a>	502
<i>James Harty and Richard Laing</i>	
<a href="#"><u>Study of the Efficiency Improvement in Power Generation from Photovoltaic</u></a>	509
<i>Ching-Lung Lin, Yuan-Chuen Hwang and Hsiu-Chen Lin</i>	

### **Collaboration Technology Applications in Healthcare**

<a href="#"><u>Improving Outpatient Service Quality in Department of Orthopedic Surgery by Using Collaborative Approaches</u></a>	515
<i>Ta-Ping Lu, Jui-Tien Shih, Cholada Kittipittayakorn and Geng-Feng Lian</i>	
<a href="#"><u>Design of Exergames with the Collaborative Participation of Older Adults</u></a>	521
<i>Amado Velazquez, Alejandro Hernandez and Sergio F. Ochoa</i>	
<a href="#"><u>How the Crowd Can Change the Collaborative Work in Patient Care</u></a>	527
<i>Carla Pereira, Maria Gilda P. Esteves, Sergio Medeiros, Jano Souza and Marcio Antelio</i>	
<a href="#"><u>Audit Recommendation for Privacy Protection in Personal Health Record Systems</u></a>	533
<i>Zhong Han, Yuqing Sun and Yuan Wang</i>	
<a href="#"><u>Research on Developing Clinical Collaborative Communication Systems</u></a>	539
<i>Hwa Gyoo Park</i>	
<a href="#"><u>AOPUT: A Recommendation Framework Based on Social Activities and Content Interests</u></a>	545
<i>Yingying Deng, Tun Lu, Huanhuan Xia, Dongsheng Li, Tiejiang Liu, Xianghua Ding, Ning Gu</i>	

### **Collaboration Technology Applications in Social Networks and Entertainment**

<a href="#"><u>Child Search Framework: A collaborative information retrieval architecture to assist children in the search process</u></a>	551
<i>Sandra Regina Rocha Silva and Geraldo B. Xexéo</i>	

<a href="#"><u>Sentiment Analysis on Tweets for Social Events</u></a>	557
<i>Xujuan Zhou, Xiaohui Tao and Jianming Yong</i>	
<a href="#"><u>V-ROOM: Virtual Meeting System Trial</u></a>	563
<i>Phil Thompson, Anne James and Antonios Nanos</i>	
<a href="#"><u>Social Media Learning: an Approach for Composition of Multimedia Interactive Object in a Collaborative Learning Environment</u></a>	570
<i>Iván Claros and Ruth Cobos</i>	
<a href="#"><u>Quantum Ant Colony Algorithm-Based Emergency Evacuation Path Choice</u></a>	576
<i>Feng Zhang, Min Liu, Zhuo Zhou, Weiming Shen</i>	
<a href="#"><u>Designing a System to Capitalize Both Social and Documentary Resources</u></a>	581
<i>Étienne Deparis, Marie-Helene Abel, Gaëlle Lortal and Juliette Mattioli</i>	
<a href="#"><u>Predicting Short Interval Tracking Polls with Online Social Media</u></a>	587
<i>Ho Leung Li, Vincent T. Y. Ng and Simon C. K. Shiu</i>	
<a href="#"><u>Cassino Musical: A Game with a Purpose for Social Recruitment and Measurement of Musical Talent</u></a>	593
<i>Carlos Gomes, Daniel Schneider, Jano de Souza, and Geraldo Xexéo</i>	
<a href="#"><u>Activity-Led Learning Approach and Group Performance Analysis Using Fuzzy Rule-Based Classification Model</u></a>	599
<i>Rahat Iqbal, Faiyaz Doctor, Margarida Romero and Anne James</i>	
<a href="#"><u>Evaluation of E-Performance System: A Cultural Perspective</u></a>	607
<i>Abdulaziz Al-Raisi, Saad Amin, Rahat Iqbal and Anne James</i>	

### **Special Session: Coordination of Collaborative Supply Chains & Enterprise Networks**

<a href="#"><u>Mathematical Model for Assignment Policies and Information Sharing in a Supply Chain</u></a>	615
<i>Mansour Rached, Armand Baboli, Zied Bahroun and Jean-Pierre Campagne</i>	
<a href="#"><u>A GSP Double Auction for Smart Exchange</u></a>	621
<i>Wafa Ghonaim, Hamada Ghenniwa and Weiming Shen</i>	
<a href="#"><u>An Optimizer of Grey-Genetic Algorithms to Improve the Prediction Efficiency for Taiwan Import and Export Pollution</u></a>	627
<i>Chen-Fang Tsai</i>	
<a href="#"><u>A Bi-objective Model for Collaborative Planning in Dyadic Supply Chain</u></a>	633
<i>Hamza Ben Abdallah, Naoufel Cheikhrouhou, Zied Bahroun and Mansour Rached</i>	
<a href="#"><u>ISO14051-based Material Flow Cost Accounting System Framework for Collaborative Green Manufacturing</u></a>	639
<i>Amy J.C. Trappey, Squall Chun-Yi Wu, Mike F.M. Yeh and Andy Y.F. Kuo</i>	

## Workshop on Internet of Things and Logistics

<a href="#"><u>Collaborative Material and Production Tracking in Toy Manufacturing</u></a>	645
<i>Yulian Cao, Wenfeng Li, Wei Song and W. Art Chaovalitwongse</i>	
<a href="#"><u>CloudThings: a Common Architecture for Integrating the Internet of Things with Cloud Computing</u></a>	651
<i>Jiehan Zhou, Teemu Leppänen, Erkki Harjula, Mika Ylianttila, Timo Ojala, Chen Yu, Hai Jin and Laurence Tianruo Yang</i>	
<a href="#"><u>A RFID-based Tracing Service of Waste Electrical and Electronic Equipment</u></a>	658
<i>Jing Sun, Yinsheng Li and Kuo-Ming Chao</i>	
<a href="#"><u>Max-Cut Based Overlapping Channel Assignment for 802.11 Multi-Radio Wireless Mesh Networks</u></a>	662
<i>Wei Wang, Bo Liu, Ming Yang, Junzhou Luo and Xiaojun Shen</i>	
<a href="#"><u>Modeling and Evaluation of the Building Management Framework based on the Castalia WSN Simulator</u></a>	668
<i>Giancarlo Fortino, Raffaele Greco and Antonio Guerrieri</i>	
<a href="#"><u>A Utility-Oriented Routing Algorithm for Community Based Opportunistic Networks</u></a>	675
<i>Xiuwen Fu, Wenfeng Li and Giancarlo Fortino</i>	
<a href="#"><u>Geo-Localized Messages Irradiation using Smartphones: An Energy Consumption Analysis</u></a>	681
<i>Daniel Moreno, Sergio F. Ochoa, Rodrigo Santos and Roc Meseguer</i>	
<a href="#"><u>A Data Processing Framework for IoT based Online Monitoring System</u></a>	686
<i>Zhuo Zhou, Min Liu, Feng Zhang, Li Bai, Weiming Shen</i>	
<a href="#"><u>An Improved Shortest Path Algorithm Based on Orientation Rectangle for Restricted Searching Area</u></a>	692
<i>Wenyan Zhou, Qizhi Qiu, Peng Luo and Pei Fang</i>	
<a href="#"><u>Indoor Localization of Ubiquitous Heterogeneous Devices</u></a>	698
<i>Emil Jimenez and Ruizhong Wei</i>	
<a href="#"><u>Eavesdropping Attack in Collaborative Wireless Networks: Security Protocols and Intercept Behavior</u></a>	704
<i>Yulong Zou, Xainbin Wang and Weiming Shen</i>	
<a href="#"><u>Author Index</u></a>	710