

CEC'04 Conference Program

IEEE Conference on E-Commerce Technology

July 6-9, 2004, San Diego, California, USA,

July 6, 2004			
18:00-20:00	Reception		

July 7, 2004			
	Room 1		Room 2
8:00	Keynote : Sharon Nunes, Vice President of IBM Research		
10:00-11:30	Full Paper Session 1 E-Commerce Intelligence		Full Paper Session 10 E-Payment
12:30-14:00	Full Paper Session 2 Dynamic Pricing		Full Paper Session 11 Security and Privacy I
14:30-16:00	Full Paper Session 3 B2B Commerce		Full Paper Session 12 Security and Privacy II
16:30-18:00	Industrial Panel		
18:30-21:00	Banquet, Keynote: Epharaim Feig, IEEE Fellow and Kintera CTO		

July 8, 2004			
	Room 1		Room2
8:00	Keynote : Jay M Tenenbaum, Chairman, Commerce.Net		
10:00-11:30	Full Paper Session 4 Electronic Catalogs		Short Paper Session 1 Security and Trust
12:30-14:00	Full Paper Session 5 B2C Decision Support		Short Paper Session 2 Decision Support and Planning
14:30-16:00	Full Paper Session 6 WS Compositition		Short Paper Session 3 Mobility and Interoperability
16:30-18:00	Full Paper Session 7 Business Process Management		Tutorial: Trust and Reputation Management in Peer-To-Peer Networks , Zoran Despotovic, EPFL

July 9, 2004			
	Room 1		Room 2
8:00	Keynote : Umesh Dayal, HP Fellow		
10:00-11:30	Full Paper Session 8 Agents and Service-oriented Enterprise Applications		Short Paper Session 4 E-Commerce Applications
12:30-14:00	Full Paper Session 9 Agents and Economic Incentives		Short Paper Session 5 Quantitative Models in E-Commerce
14:30-16:00	Closing Panel		Closing Panel

Full Paper Sessions

1	Full Paper Session (Session Chair: Mei-Chun Hsu)	E-Commerce Intelligence
	Building and Evaluating Non-Obvious User Profiles	Naveed MUSHTAQ, Karsten TOLLE, Peter WERNER, Roberto ZICARI
	A Weighted Sifting Method to improve the effectiveness of Collaborative Filtering	Gyochang Kim, Tuguldur Sumiya, Jonghoon Chun, Sang-goo Lee, Jinwook Choi
	Shingle-Based Query Indexing for Location-Based Mobile E-Commerce	Kun-Lung Wu, Shyh-Kwei Chen, Philip S. Yu
2	Full Paper Session (Session Chair: Simon Shim)	Dynamic Pricing
	Assisting Seller Pricing Strategy Selection for Electronic Auction	Jia Zhang, Ning Zhang, Jen-Yao Chung
	A Markov decision-based price comparison model for Mobile AGent-based Internet Commerce System (MAGICS)	Perry P. Y. Lam , Henry C. B. Chan
	Case Study on Customer Communication	Jens Strüker, Stefan Sackmann, Günter Müller
3	Full Paper Session (Session Chair: A. Wombacher)	B2B Commerce
	Streamlining the replenishment process through extended information sharing and collaboration: defining the underlying e-commerce infrastructure	Katerina C. Pramatari, Georgios I. Doukidis
	COSIMA B2B - Sales Automation for E-Procurement	Sven Döring, Stefan Fischer, Werner Kießling
	An Active Adapter with Edge Cache Approach For Order Status Information Integration	Jih-Shyr Yih, Shiwa S. Fu, Shyh-Kwei Chen, Sebastien Houillot
4	Full Paper Session (Session Chair: Martin Bichler)	E-Catalogs
	Implementation of Large Catalogs for Price Enforcement in B2B E-Commerce	Trung T. Pham
	A Semantic Classification Model for e-Catalogs	Dongkyu Kim, Sang-goo Lee, Jonghoon Chun
	Unified Commerce Server Architecture for Large Number of Enterprise Stores	Trieu C. Chieu, Florian Pinel, Jih-Shyr Yih
5	Full Paper Session (Session Chair: Liang-Jie Zhang)	B2C Decision Support
	A Buyers Integration Support System in Group Buying	Tokuro Matsuo, Takayuki Ito, Toramatsu Shintani
	The Architecture of the Symbol Engine in an Autonomous Business	Nick V. Flor
6	Full Paper Session (Session Chair: Kwei-Jay Lin)	Web Service Composition
	Service Selection Algorithms for Web Services with End-to-end QoS Constraints	Tao Yu, Kwei-Jay Lin
	IPSI-PF: A Business Process Matchmaking Engine	Andreas Wombacher, Bendick Mahleko, Erich Neuhold
	Ontology-Driven Web Services Composition Platform	B. Arpinar, B. Aleman-Meza, R. Zhang, A. Maduko

7	Full Paper Session (Session Chair: Jih-Shyr Yih)	Business Process Management
	Quality of Service Process Variables in Complex B2B Systems Integration Assessment	R. William Maule, Shelley P. Gallup
	Process Information Factory: A Data Management Approach for Enhancing Business Process Intelligence	Josef Schiefer , Jun-jang Jeng, Shubir Kapoor, Pawan Chowdhary
	Designing Data Warehouses for Supply Chain Management	Timon C. Du, Jacqueline Wong, Mandy Lee
8	Full Paper Session (Session Chair: Kevin Almeroth)	Service-oriented Enterprise Applications
	A Service Management Framework for Service-Oriented Enterprises	Ying Huang, Santhosh Kumaran, Jen-Yao Chung
	A Business Model for B2B Integration through Generated Web Services	Youcef Baghdadi
	A Capacity Sizing Tool for a Business Process Integration Middleware	Te-Kai Liu, Hui Shen, Santhosh Kumaran
9	Full Paper Session (Session Chair: Ying Huang)	Agents and Economic Incentives
	CONFESS. An Incentive Compatible Reputation Mechanism for the Online Hotel Booking Industry.	Radu Jurca, Boi Faltings
	Coupon-Based Incentive Systems and the Implications of Equilibrium Theory	Anargyros Garyfalos, Kevin C. Almeroth
	Analysis of a Free Roaming Agent Result-Truncation Defense Scheme	Jianying Zhou, Jose Onieva, Javier Lopez
10	Full Paper Session (Session Chair: Günter Müller)	E-Payment
	Formal Specification and Verification of the SET/A Protocol with an Integrated Approach	Vitus S.W. Lam, Julian Padget
	On Designing a Flexible E-Payment System with Fraud Detection Capability	Antoinette Leung, Simon Fong
	LITASET/A : A New Agent-assisted Secure Payment Protocol	Yan Wang
11	Full Paper Session (Session Chair: Jia Zhang)	Privacy and Trust
	Algorithms for Automated Negotiations and Their Applications in Information Privacy	Haifei Li, David Ahn, Patrick Hung
	SIMT - A Privacy Preserving Web Metrics Tool	Maximilian Teltzrow, Sören Preibusch, Bettina Berendt
12	Full Paper Session (Session Chair: Haifei Li)	Security and Privacy
	A Simplified Approach to User Controllable Threshold Signatures	Jong-Phil Yang, Sang Uk Shin, Kyung Hyune Rhee
	SID: A PKI-enabled Identity Management System 2	Chaoting Xuan, Mustaque Ahamad

Short Presentations

1	Short Presentations (Session Chair: Stefan Sackmann)	Security and Trust
	Determine the Factors which Engender Customer Trust in Business-to-Consumer (B2C) Electronic Commerce	Fahim Akhter, David Hobbs, Zakaria Maamar
	Digital Watermarking Capacity and Reliability	Zhang Fan, Zhang Hongbin
	Better Privacy and Security in E-Commerce: Using Elliptic Curve-Based Zero-Knowledge Proofs	Sultan Almuhammadi, Nien T. Sui
	Can eCRM and Trust improve eC customer base?	Charles A Shoniregun , Adebola Omoegun, Diepriye Brown-West , Oleksandr Logvynovskiy
2	Short Presentations (Session Chair: Kun-Lung Wu)	Decision Support and Planning
	Diagnosing Key Needs for Emergent B2B in SMB's	Enrique Espinosa, Angeles Junco, Jorge Ramirez, Fernando Ramos, Miriam Vazquez, Raul Cardenas
	Reestimation of E-Business Planning Model	Fen Wang, Guisseppi Forgionne, Lidan Ha
	Neural Network-Based Reputation Model in Distributed System	Weihua Song, Vir Phoha
	Dealer Collaboration: Transforming the Value Chain through Relationships and Integration	Jakka Sairamesh
3	Short Presentations (Session Chair: Nick Flor)	Mobility and Interoperability
	Destruction and Reconstruction of Heterogeneous Electronic Product Catalogues for Semantic Interoperation	Jingzhi Guo, Chengzheng Sun, David Chen
	A Java-Based Information Browsing System in a Remote Display Environment	Takuya Maekawa , Toshiaki Uemukai , Takahiro Hara , Shojiro Nishio
	Mobile Jabber IM: A Wireless-Based Text Chatting System	Jerry Gao, Ph.D., Mansi Modak, Satyavathi Dornadula, Simon Shim
4	Short Presentations (Session Chair: Adrian Paschke)	E-Commerce Applications
	Towards a Theoretical Framework of Determinants for the Adoption and Diffusion of Buyer Authenticated Credit Card Payment Programs: The Online Merchant's Perspective	Mustafa A. Ally, Mark Toleman
	The e-Salesman System	Magdalene Ting, Vishal Seth, Jerry Gao
	E-Marketplace using Artificial Immune System as Matchmaker	Tung-Wan Cheng, An-Pin Chen, Wan-Ling Wang
	A Novel Web Sales Tracking Solution for Multichannel Marketing Programs on Electronic Commerce	Thomas Kwok, Thao Nguyen
5	Short Presentations (Session Chair: Thomas Kwok)	Quantitative Models in E-Commerce
	A secure M 1st price auction scheme based on RSAP	XIAO Qing-hua, PING Ling-di, PAN Xue-zeng
	Analysis of a Differentiated Bandwidth Allocation Strategy for Proportional Streaming Bit Rate Provisioning	XIAOBO ZHOU, CHENG-ZHONG XU
	A Computational Geometry approach to Web Personalization	Maria Rigou, Spiros Sirmakessis, Athanasios Tsakalidis