

Wednesday, October 24, 2007

	Track A	Track B	Track C	Track D
07:30-08:45	Breakfast (starting at 08:00) and Registration Venue: Level P4 Entrance Foyer, Graduate House			
08:45-09:15	Opening Remarks Venue: Wong Gungwu Theatre, Graduate House			
09:15-10:15	Keynote Speech I: DTTN - The E-Commerce Platform by Justin Yue (Chair: Lionel Ni) Venue: Wong Gungwu Theatre, Graduate House			
10:15-10:45	Coffee Break			
	Session 1A-EL: E-Commerce: Models and Applications (Long Papers) Chair: William Cheung Venue: P601, Graduate House	Session 1B-EI: Service Management and Solutions (Industrial Track) Chair: Ying Chen Venue: P602, Graduate House	Session 1C-ES: Workflow and RFID Technologies (Short Papers) Chair: Santhosh Kumaran Venue: P603, Graduate House	SOSE/SOAIK Workshop Session S1: Service-Oriented Architecture and Frameworks Chair: William Chu Venue: P503, Graduate House
10:45-12:25	<p>The Design and Implementation of a Semantic Service Mediation System <i>Liangzhao Zeng, Hui Lei, Michael Dikun, Henry Chang, and Guo Tong Xie</i></p> <p>Model-Driven Specification of Software Services <i>Boris Shishkov, Marten van Sinderen, and Bedir Tekinerdogan</i></p> <p>A Tool Framework for KPI Application Development <i>Mari Abe, Jun-Jang Jeng, and Yinggang Li</i></p> <p>Worksheet-Driven UMM Modeling of B2B Services <i>Christian Huemer, Marco Zapletal, Philipp Liegl, and Rainer Schuster</i></p>	<p>Service Obligations Management in IT Outsourcing <i>Liang Liu, Hui Lei, Dongjun Lan, Raymond E. Rose, J.S. Seymour, and Murthy V. Devarakonda</i></p> <p>Relooking at Services Science and Services Innovation <i>Hong Cai, Jen-Yao Chung, and Hui Su</i></p> <p>Collaborative Workflow Management with Alerts: An Integrated Retailing System for Garments Brands <i>Donald S.F. Wong, and Dickson K.W. Chiu</i></p> <p>Business-Driven SOA Solution Development <i>Lianjun An, and Jun-Jang Jeng</i></p>	<p>Analysis of RFID Adoption in China <i>Zhongwei Luo, Zhining Tan, Zhicheng Ni, and Benjamin Yen</i></p> <p>Agile Business Process Management with Sense and Respond <i>Alexander Schatten, and Josef Schiefer</i></p> <p>Design an OSGi Extension Service for Mobile RFID Applications <i>Jie Wu, Dong Wang, and Huanye Sheng</i></p> <p>An Approach for Workflow Performance Evaluation Based on Discrete Stochastic Petri Net <i>Hao Jiang, and Peian Wang</i></p> <p>Practical Access Control Management for Outsourced EPC-Related Data in RFID-Enabled Supply Chain <i>Sergei Evdokimov, and Oliver Günther</i></p> <p>A Dynamic Load Balancing Approach Based on the Standard RFID Middleware Architecture <i>Jae Geol Park, Heung Seok Chae, and Eul Seok So</i></p>	<p>DRESR: Dynamic Routing in Enterprise Service Bus <i>Xiaoying Bai, Jihui Xie, Bin Chen, and Sinan Xiao</i></p> <p>Adaptive User Interface Generation for Web Services <i>Jiang He, and I-Ling Yen</i></p> <p>A Dynamic Reconciliation Service of RBAC Policies for Virtual Organizations <i>Sun Weiqun, Han Yanbo, and Shan Baohua</i></p> <p>MCTSE: A Commerce Topic Faced P2P Search Engine for Mobile Devices <i>Zhiyuan Fang, Zhang Jingchun, Wang Lei, Zhou Yu, and Mo Minghui</i></p> <p>A Concurrent G-Negotiation Mechanism for Grid Resource Co-allocation <i>Benyun Shi, and Kwang Mong Sim</i></p> <p>Mediation Architecture for Integration of Heterogeneous Discipline Focused Workflow Languages <i>Ray Farmer, Adam Raybone, Rehan Uddin, Michael Odetayo, and Kuo-Ming Chao</i></p>
12:25-14:00	Lunch Venue: Golden Shanghai Cuisine, Dragonfair Garden, 455-485 Queen's Road West, Hong Kong			

14:00-15:40	Session 2A-EL: RFID, Sensor, and Service Technologies in Business Processes (Long Papers) Chair: Steven Miller Venue: P601, Graduate House	Session 2B-EL: Case Studies and Reports (Industrial Track) Chair: Ying Chen Venue: P602, Graduate House	Session 2C-ES: Analysis Modelling in E-Business (Short Papers) Chair: Yinsheng Li Venue: P207, Graduate House	SOSE/SOAIK Workshop Session S2: Service-Oriented System Requirement Analysis and Modeling Chair: I-Ling Yen Venue: P503, Graduate House
	<p>Subscribing and Matching RFID-Related Events <i>Beihong Jin, Shuang Yu, Xinchao Zhao, Zhenyue Long, and Yifeng Qian</i></p> <p>RFID Assisted Object Tracking for Automating Manufacturing Assembly Lines <i>Jiahao Wang, Zongwei Luo, Edward C. Wong, and CJ Tan</i></p> <p>Extending SOA/MDD to Sensors and Actuators for Sense-and-Respond Business Processes <i>Han Chen, Paul B. Chou, Norman H. Cohen, and Sastry Duri</i></p> <p>Deep Structure of Service Management <i>Santhosh Kumaran, Yingjie Li, and Pankaj Dhoolia</i></p>	<p>Problems and Prospects of Multi Application Smart Cards in the UK Financial Industry <i>Konstantinos Markantonakis, and Keith Mayes</i></p> <p>Service Information Hub for Service Lifecycle Management: A Progress Report <i>Yew-Huey Liu, and Jun-Jang Jeng</i></p> <p>E-Monitoring of Outsourcing IS Project in Financial Institutions: A Case Study on Mandatory Provident Fund Projects in Hong Kong <i>Vincent C.T. Chan, Dickson K.W. Chiu, Stephanie Chow, and Patrick C. K. Hung</i></p>	<p>A Human-Centered E-Business System Analysis and Modeling Method <i>Lixin Zhou</i></p> <p>A Requirement Analysis Pattern Selection Method for E-Business Project Situation <i>Guo Shu-hang, Lan Yu-Qing, Jin Mao-Zhong, Gao Jing, and Li Hong-Juan</i></p> <p>Analyzing and Improving Internet Voting Protocol <i>Bo Meng</i></p> <p>Concern Oriented Business Process Modeling <i>Jian Wang, Jun Zhu, Haiqi Liang, and Ke Xu</i></p> <p>Analyzing Service Usage Patterns: Methodology and Intended Usage <i>Q. Liang, and J.Y. Chung</i></p> <p>Social Network Analysis of Online Marketplaces <i>Pushpa Kumar, and Kang Zhang</i></p>	<p>A Service-Oriented Collaborative Development Platform for Digital Courts <i>Yingxiao Xu, Yinsheng Li, Lansheng Wang, Junshuai Shi, and Jianping Shen</i></p> <p>A Domain-Independent Ontology for Non-Functional Requirements <i>Glen Dobson, and Gerald Kotonya</i></p> <p>Service-Oriented Modeling: An Ontology-based Approach <i>Budan Wu, and Zhi Jin</i></p> <p>Model-Driven Service Development for A-posteriori Application Integration <i>Haase Thomas</i></p> <p>Task Oriented Web Service Requirement Framework <i>Yu Cheng, Ji Gao, and Hua-Mao Gu</i></p> <p>Requirement Engineering in Service-Oriented System Engineering <i>W.T. Tsai, Z. Jin, P. Wang, and B. Wu</i></p>
15:40-16:10 Coffee Break				
	Session 3A-EL: Security, Trust, and Privacy in E-Commerce (Long Papers) Chair: Shin-Jer Yang Venue: P601, Graduate House	Session 3B-EL: QoS of E-Business Middleware and Servers (Long Papers) Chair: Thomas Kwok Venue: P602, Graduate House	Session 3C-ES: E-Business Case Studies (Short Papers) Chair: Lianjun An Venue: P207, Graduate House	SOSE/SOAIK Workshop Session S3: Service-Oriented Discovery and Process Modeling Chair: Zhiyuan Fang Venue: P503, Graduate House
	<p>The Design of A Rule-Based and Event-Driven Trust Management Framework <i>Yan Wang, Kwei-Jay Lin, Duncan S. Wong, and Vijay Varadharajan</i></p> <p>Real-time Correlation of Network Security Alerts <i>Zhitang Li, Aifang Zhang, and Dong Li</i></p>	<p>Adaptive Self-Configuration of Component Middleware: A Performance Model Approach <i>Jianjun Hu, Heqing Guan, Hua Zhong, and Tao Huang</i></p> <p>A Dynamic QoS Driven Pluggable GIS Grid Service Architecture <i>Wenjun Li, Yingwen Wen, Dan Chen,</i></p>	<p>Research on Service Oriented Platform of Integration Application for Textile Industry in China <i>Zirui Gao, and Bingyong Tang</i></p> <p>Empirical Study on the Influence E-Shopping Prejudice to E-Customer Satisfaction <i>Sizong Wu, Weibing Yin, and Guoyue Xiong</i></p>	<p>ASM-TL: an Abstract Service Model Enabling Adaptive Matchmaking <i>Chen Wanghu, Han Yanbo, Liu Chen, Wang Jing, and Yan Shuying</i></p> <p>Roadmap to a Full Service Broker in Service-Oriented Architecture <i>W.T. Tsai, Xinyu Zhou, Yinong Chen, Bingnan</i></p>

16:10-17:30	A Study of Security and Performance Issues in Designing Web-based Applications <i>Shin-Jer Yang, and Jia-Shin Chen</i>	<i>Yongji Li, and Kaisheng Chen</i>	Management and Education on the Case-Based Complex E-Business Systems Based On Agent Centric Ontology and Simulation Games <i>Shen-Tzay Huang, Ming-Chuan Hsu, and Wen-Hao Lin</i>	<i>Xiao, Raymond A. Paul, and William Chu</i>
	Towards Quantifying the Possible Risk in E-Commerce Interactions for RDSS <i>Omar Hussain, Elizabeth Chang, Farookh Hussain, and Tharam Dillon</i>	Partition-Based Profit Optimisation for Multiclass Requests in Clusters of Servers <i>Ligang He, James Wenjun Xue, and Stephen A. Jarvis</i>	WMQ: Towards A Fine-grained QoS Control for E-Business Servers <i>Wei Wang, Wenbo Zhang, Lei Zhang, and Tao Huang</i>	Service Composition Using Product Configuration Technology <i>Mikko Paatikainen, Katrine Jokinen, Paavo Kotinurmi, and Varvana Myllrniemi</i>
18:30-20:00	Reception <i>Venue: Joseph's at the Graduate Restaurant, Graduate House</i>			
			E-Business in Thailand: A Case Study of Two Thai Search Engine Business Strategies and Models <i>Vasin Chooprayoon, Chun Che Fung, and Arnold Depickere</i>	A Dynamic Dataflow Driven Service Composition Mechanism for Astronomy Data Processing <i>Man Wang, Zihui Du, Yinong Chen, Suihui Zhu, and Weihua Zhu</i>
			Study on Credit Evaluation Model and Algorithm for C2C E-Commerce <i>Chunhui Piao, Jing An, and Meiqi Fang</i>	Consumer-Centric Web Services Discovery and Subscription <i>Li Zhou, Gang Huang, and Hong Mei</i>
				"Service Hyperlink" for Exploratory Service Composition <i>ShuYing Yan, YanBo Han, Jing Wang, and Chen Liu</i>

Thursday, October 25, 2007

	Track A	Track B	Track C	Track D
08:00-09:00	Breakfast and Registration <i>Venue: Level P4 Entrance Foyer, Graduate House</i>			
09:00-09:15	Opening Remarks <i>Venue: Wong Gungwu Theatre, Graduate House</i>			
09:15-10:15	Keynote Speech II: Digital Communities and Implication for e-Business by Josephine M. Cheng (Chair: Jen-Yao Chung) <i>Venue: Wong Gungwu Theatre, Graduate House</i>			
10:15-10:45	Coffee Break			
	Session 4A-EL: Electronic Contracts and Knowledge Management in E-Business (Long Papers) <i>Chair: Soo Dong Kim</i> <i>Venue: P601, Graduate House</i>	Session 4B-EL: Agent Systems and Document Exchange (Long Papers) <i>Chair: Zhexue Huang</i> <i>Venue: P602, Graduate House</i>	Student Workshop <i>Chair: William Cheung and Zongwei Luo</i> <i>Venue: LG103, Chow Yei Ching Building</i>	SOSE/SOAIK Workshop Session S4: Service-Oriented Techniques of Security, Trust, Privacy and QoS <i>Chair: Yinsheng Li</i> <i>Venue: P207, Graduate House</i>
	An Email Driven Electronic Contracting System <i>Thomas Kwok, Thao Nguyen, Linh Lam, and Trieu Chieu</i>	Secure Search of Private Documents in an Enterprise Content Management System <i>Trieu C. Chieu, Thao Nguyen, and Liangzhao Zeng</i>	Design of an Adaptive Controlled Object-based Storage System <i>Xin Li, Changsheng Xie, and Dezhi Han</i>	A QoS View of Web Service Choreography <i>Zhao Xiangpeng, Cai Chao, Yang Hongli, and Qiu Zongyan</i>

10:45-12:25	<p>The Design of an Intelligent Accountability Architecture <i>Kwei-Jay Lin, Mark Panahi, and Yue Zhang</i></p> <p>A Framework for Model Checking Web Service Compositions Based on BPEL4WS <i>Guilan Dai, Xiaoying Bai, Chongchong Zhao</i></p> <p>Knowledge Enhanced IT Service Management <i>Hao Wang, Bo Yang, Liang Liu, Qian Ma, Ke Wei Sun, Ying Chen</i></p>	<p>The Computational Group Concepts in Business Document Exchange <i>Jingzhi Guo, and Xin Guan</i></p> <p>User Controllable Data Grouping for Structural Business Document Translation <i>Shyh-Kwei Chen, Jen-Yao Chung, and Michael J. Ding</i></p> <p>A Multi-Agent System for E-Chartering <i>Manolis S. Sardis, and Maria A. Lambrou</i></p>	<p>Data Warehouse Model for Audit Trail Analysis in Workflows <i>Kin-Chan Pau, Yain-Whar Si, and Marlon Dumas</i></p> <p>Intelligent Multi-Party Multi-Issue Bargaining System for e-Business <i>S-M Tam, C-L Lai, Y. Yang, and Raymond Y.K. Lau</i></p> <p>Online-Forum Topic Detection Based on User Participation <i>V. Cheung, Z. Wu, and C. Li</i></p> <p>Design and Implementation of the Data Synchronization Platform - E-Sync <i>W. Wu and G. Wang</i></p>	<p>Service-Oriented Business Process Modeling and Performance Evaluation based on AHP and Simulation <i>Sen Zeng, Shuangxi Huang, and Yushun Fan</i></p> <p>A Privacy Protection Method for P2P-based Web Service Discovery <i>Kuien Liu, Qing Wang, Jun Han, and Hu Wu</i></p> <p>QoS Metrics for Evaluating Services from the Perspective of Service Providers <i>Si Won Choi, Jin Sun Her, and Soo Dong Kim</i></p> <p>An Adaptable Fault-Tolerance for SOA using a Peer-to-Peer Framework <i>Stephen Hall, and Gerald Kotonya</i></p>
12:25-14:00	Lunch Venue: KamBoat Chinese Cuisine, Shop 243, 2/F, The Westwood, 8 Belcher's Street, Hong Kong			
14:00-15:40	<p>Session 5A-EL: Service Design and Collaboration (Long Papers) Chair: Yan Wan Venue: P601, Graduate House</p>	<p>Session 5B-EL: Workflow and Negotiation Systems for E-Services (Long Papers) Chair: Dickson Chiu Venue: P602, Graduate House</p>	<p>SOSE/SOAIK Workshop Session S6: SOA Applications and Education Chair: Xiaoying Bai Venue: P603, Graduate House</p>	<p>SOSE/SOAIK Workshop Session S5: Service-Oriented Applications and Case Study Chair: Weider Yu Venue: P207, Graduate House</p>
<p>Design of Autonomic SLA Manager for Service Applications <i>Changyeol Choi, DuWan Cheun, and Soo Dong Kim</i></p> <p>Towards Accountable Enterprise Mashup Services <i>Joe Zou, and Christopher J. Pavlovski</i></p> <p>Research on Entropy-Based Collaborative Filtering Algorithm <i>Chunhui Piao, Jing Zhao, and Jun Feng</i></p> <p>Forming Fuzzy Coalitions in Cooperative Superadditive Games <i>Minghua He, Xudong Luo, Nicholas R. Jennings, and Michael Wooldridge</i></p>	<p>Information Retrieval through SVG-based Vector Images Using an Original Method <i>Kaiyuan Jiang, Zhiyuan Fang, Yuanting Ge, and Yu Zhou</i></p> <p>Facilitating Agile Model Driven Development and End-User Development for Evolving Web-Based Workflow Applications <i>Xufeng Liang, Ioakim Marmaridis, and Athula Ginige</i></p> <p>Machine Learning for Negotiation Knowledge Discovery in E-Marketplaces <i>Raymond Y.K. Lau</i></p> <p>A Hidden Credential Based Oblivious Automated Trust Negotiation Model <i>Zhensong Liao, Hai Jin, and Deqing Zou</i></p>	<p>Automated Recommendation of Quality Requirements for Software Services <i>M. Li, C.H. Chi, C. Ding, S. Chen, and Y. Huang</i></p> <p>Designing a Service-Oriented Computing Course for High Schools <i>W.T. Tsai, Y. Chen, X. Sun, G. Bitter, and M. White</i></p> <p>QoS-Based Web Services Selection <i>Hongbing Wang, Ping Tong, Phil Thompson, and Yinsheng Li</i></p> <p>Parallel XML Transformations on Multi-Core Processors <i>Yuanhao Sun, Tianyou Li, Qi Zhang, Jia Yang, and Shih-wei Liao</i></p> <p>DJ: A Transparent Java-Intergrated Data Access System</p>	<p>The Design and Implementation of a Search Engine Marketing Management System (SEMMS) on Service Oriented Platform <i>Weider D. Yu, and Andy Lin</i></p> <p>A Framework for Extensible Collaborative Asset-based Service Engagement <i>Fan Jing Meng, Ying Huang, Shun Xiang Yang, and Hui Su</i></p> <p>A Practical Framework of Dynamic Monitors in Service-Oriented Computing <i>Du Wan Cheun, Jeong Seop Bae, Won Young Jeon, Hao Yuan, and Soo Dong Kim</i></p> <p>A Rewriting Based Model for Nondeterministic Composite Web Service System <i>Junfeng Wu, and HuaiKou Miao</i></p> <p>Towards a Component Model Supporting</p>	

		Shih-wei Liao, and Keqiang Wu	Proactive Configuration of Service-Oriented Systems
		A Practical Approach for Measuring IT Effectiveness of Business Processes Rahil Hosseini	Holger Klus, Dirk Niebuhr, and Andreas Rausch
			Architecting the Service-Oriented Data Center Enrique Castro-Leon, Jackson He, Mark Chang, and Hugh Mercer
15:40-16:10	Coffee Break		
16:10-17:50	Plenary Panel: RFID for Supply Chain Management: Status, Directions, and Challenges (Organizer: Zongwei Luo; Moderator: Edward C. Wong; Panelists: Paul Chou, Steven Miller, Lawrence Cheung, Benjamin Yen, Charles Lo) Venue: P603, Graduate House		
19:00-21:30	Banquet and Keynote Speech III: Proposition for E-DoD: An Overall Plan for Network-Centric Operation by Raymond A. Paul (Chair: Wei-Tek Tsai) Venue: Jumbo Kingdom, Wong Chuk Hang, Aberdeen		

Friday, October 26, 2007

	Track A	Track B	Track C	Track D
08:00-09:00	Breakfast and Registration Venue: Level P4 Entrance Foyer, Graduate House			
09:00-10:15	Keynote Speech IV: Emergent Trends on Green Business and Accountable Services by Jen-Yao Chung and Kwei-Jay Lin (Chair: Michael R. Lyu) Venue: P602, Graduate House			
10:15-10:45	Coffee Break			SOKM Workshop
	Session 6A-EL: Design and Collaboration in E-Commerce Activities (Long Papers) Chair: Zhiyuan Fang Venue: P601, Graduate House	Session 6B-ES: Performance, Security and Personalization Services (Short Papers) Chair: Trieu Chieu Venue: P602, Graduate House	No Event	Session 1: Service Discovery and Modeling Chair: Dickson Chiu Venue: P207, Graduate House
	A Fair and Transferable Off-line Electronic Cach System with Multiple Banks <i>Changji Wang, Qin Li, and Xingfeng Yang</i>	Toward an On-Demand Option Rating Service for E-Business <i>Raymond Y.K. Lau, K-S Wong, K-F Fung, and S-Y Ho</i>		A Rough Set Approach for Clustering the Data Using Knowledge Discovery in World Wide Web for E-Business <i>Hrudaya Ku, Tripathy and B.K. Tripathy</i>
	Design of a Dynamic Composition Handler for ESB-Based Services <i>Soo Ho Chang, Hyun Jung La, Jeong Seop Bae, Won Young Jeon, and Soo Dong Kim</i>	Measuring Website Usability of Chinese Enterprise with a Heuristic Procedure <i>Jinling Chang, and Huan Guan</i>		A Service Model for Customer-Centric Electronic Business <i>Garyfallos Frigidis and Konstantinos Tarabanis</i>
	Value and Goal Driven Design of E-Services <i>Martin Henkel, Paul Johannesson, Erik Perjons, and Jelena Zdravkovic</i>	The Contribution of Intelligent System in Forming Trust and Competitiveness during Online Transactions <i>Fahim Akhter</i>		A Semantic Web based Peer to Peer Service Discovery Mechanism for Intelligent Business Process <i>Desheng Li, Ruzhi Xu, and Haiyang Wang</i>
	Strategy, Model, and Platform for Collaborative Commerce <i>Shuangxi Huang, and Yushun Fan</i>	An Enhanced Verifier-Free Remote User Password Authentication Scheme		The Impact of Organizational Learning

10:45-12:45

*Wei-Chi Ku, Chun-Hao Hwang, and
Hao-Rung Chung*

A Data Flow Optimization Based
Approach for BPEL Processes Partition
Yanlong Zhai, Hongyi Su, and Shouyi Zhan

on Lack of Team's Expertise Risk in
Information Systems Projects
Chui-Hui Wu and Kwoting Fang

Session 2: Knowledge Management

Chair: Raymond Lau

Venue: P207, Graduate House

The Proposal of Conditions of Personal
Engagement in Knowledge Harvesting
*Che-Hung Liu, Dasaratha Rama, and
Irma Becerra-Fernandez*

SOA-Trust: Towards Developing
Trustworthy RFID Enabled Intelligent
Service Solutions
Zongwei Luo, Jenny S. Li, and Edward Wong

Adaptive Algorithmic Schemes for e-service
Strategic Management Methodologies:
Case Studies on Knowledge Management
Alexandra Lipitakis

Trust Assessment in Web Services:
An Extension to jUDDI
*Hrushikesh Mohanty, Kakarlamudi Prasad,
and R.K. Shyamasundar*

12:45-13:15

Closing Ceremony
Venue: P602, Graduate House