

ICEBE/SOSE/SOAIK Program

		Track 1 Room: 601	Track 2 Room: 602	Track 3 Room: 603	Track 4 Room: 604		
Oct. 24	07:30-09:00	Registration(First floor)					
	09:00 - 09:15	Opening Remarks (Room: AIA Hall)					
	09:15 - 10:15	Keynote 1: Dr. Jyh-sheng Ke (Institute for Information Industry), "ITeS - Transcending the Traditional Service Model" Room: AIA Hall					
	10:15 - 10:45	Coffee Break					
	10:45 - 12:25	Session 1: Bidding and Auction	Session 2: Security	Session 3: Service-Oriented Engineering and E-Business (I)	Session 4: Trust and Privacy in E-Business		
	12:25 - 13:30	Lunch at Conference Building (Ninth Floor)					
	13:30 - 15:35	Session 5: Ontological and Semantic Engineering (I)	Session 6: Workflow and Business Process Management (I)	Session 7: Ontological and Semantic Engineering (II)	Session 8: User and Customer Oriented E-Business (I)		
	15:35 - 16:05	Coffee Break					
	16:05 - 18:10	Session 9: Service-Oriented Engineering and E-Business (II)	Session 10: E-business Modeling and Infrastructure (I)	Session 11: Marketing and Pricing for E-Business	Session 12: E-business Modeling and Infrastructure (II)		
	18:45 - 20:30	Reception at the restaurant "GuoDing 365" (365 Guoding Road)					
Oct. 25	08:00 – 09:00	Registration(First floor)					
	09:00 – 09:15	Opening Remarks (Room: AIA Hall)					
	09:15 - 10:15	Keynote 2: J. Chung (IBM), K. Chao (Coventry University), Y. Li (Fudan University), "From e-Business Engineering to Service Oriented Application, Integration and Collaboration" Room: AIA Hall					
	10:15 - 10:45	Coffee Break					
	10:45 - 12:25	Session 13: Performance Management and Scheduling Room: 502	Session 14: E-Business Engineering Applications Room: 503	Session 15: E-services Engineering (I) Room: 603	SOSE Opening SOSE Keynote Room: 604		
	12:25 - 13:30	Lunch at Conference Building (Ninth Floor)					
	13:30 - 15:10	Session 16: E-Commerce Engineering Room: 502	Session 17: Industry Track Room: 503	Session 18: E-services Engineering (II) Room: 603	SOSE Session 1: Modeling & Specification (I) Room 604	SOSE Session 2: Systems & Evaluation (I) Room 301	SOSE Session 3: Trust, Privacy & Security Room 302
	15:10 - 15:40	Coffee Break					
	15:40 - 17:20	Plenary Panel: Steven Miller, "Will existing CS, IT and IS departments really deliver the Service Science, Management and Engineering Vision?" Room: AIA Hall					
	18:30 - 22:00	Conference Banquet (Crowne Plaza)					
		Keynote 3: Prof. K-J Lin (UC at Irvine), "Serving Web 2.0 with SOA: Providing the Technology for Innovation and Specialization"					

		Registration(First floor)					
Oct. 26	08:00 – 09:00	Registration(First floor)					
	09:00 - 10:15	SOAIC Welcome Remarks Keynote 4: Catherine Lasser (IBM Research), “Discovering Innovation” Room 602			SOSE Session 4: QoS Room 603	SOSE Session 5: Modeling & Specification (II) Room 604	SOSE Session 7: Service Discovery Room 502
	10:15 - 10:45	Coffee Break					
	10:45 - 12:45	Session 19: Service Discovery Room 602	Session 20: AI in SOA Room 603	Session 21: Service Modeling and Engineering Room 604	Session 22: Service- Oriented Applications Room 502	SOSE Session 6: Systems & Evaluation (II) Room 303	SOSE Session 8: Service Composition Room 304
	12:45 - 13:50	Closing Ceremony, Lunch at Conference Building (Ninth Floor)					

Oct. 24, 2006, Morning

	Track 1 Room: 601	Track 2 Room: 602	Track 3 Room: 603	Track 4 Room: 604
09:15 - 10:15	Keynote 1: Dr. Jyh-sheng Ke (Institute for Information Industry), ITeS - Transcending the Traditional Service Model Room: AIA Hall			
10:15 - 10:45	Coffee Break			
10:45 - 12:25	Session 1: Bidding and Auction 116 Deploying Auctions over Ad Hoc Networks <i>Alia Fourati and Khaldoun Al Agha.</i> 379 A Simulation Approach for Analyzing the Competition among E-auction Marketplaces. <i>Xin Chen and Juho Mäkiö</i> 94 Research of Web-Based Negotiation Support System in Collaborative Commerce <i>Wenyu Zhang and Xiaolin Zheng</i> 325 Analysis of Bidding Behavior on eBay Auctions <i>Li Du and Qiyang Hu</i>	Session 2: Security 32 An Untraceable Electronic Cash System Using Fair Blind Signatures <i>Hui-Feng Huang and Chin-Chen Chang.</i> 326 Sharing Session Keys in Encrypted Databases <i>Yi Tang</i> 311 A Novel Algorithm SF for Mining Attack Scenarios Model <i>Li Wang, Zhi-tang Li, Jie Lei, and Yao Li</i> 370 Experimental Analysis of an RFID Security Protocol <i>Zongwei Luo, Terry Chan, Jenny S. Li, Edward Wong, William Cheung, Victor Ng, and Wilton Fok</i>	Session 3: Service-Oriented Engineering and E-Business (I) 105 SOUNDE: A Hybrid Structure of Service Discovery System for Decentralized E-commerce <i>Dalu Zhang, Jiawen Mou, and Zhe Yang</i> 215 Orchestrating Computing Objects Using Web-Services Technologies—An Intel IT Proof of Concept (POC) <i>Guy Yohanan, Jay Hahn-Steichen, Jim Hobbs, and Jackson He</i> 346 SOA-Driven Business-Software Alignment <i>Boris Shishkov, Marten van Sinderen, and Dick Quartel</i> 75 A Service-Oriented Virtual Enterprise Architecture and Its Applications in Chinese Tobacco Industrial Sector <i>WenAn Tan, JingSong Xue, and JinLiang Wang</i>	Session 4: Trust and Privacy in E-Business 108 Trust and Risk Evaluation of Transactions with Different Amounts in Peer-to-Peer E-commerce Environments <i>Yan Wang and Fu-ren Lin</i> 224 Trust and Electronic Commerce—A Test of an E-bookstore <i>Jeff C. Fan</i> 98 A P2P-Based Trust Model for E-commerce <i>Cheng Su, Hong Zhang, and Fang-ming Bi</i> 242 Accountability in Service-Oriented Architecture: Computing with Reasoning and Reputation <i>Yue Zhang, Kwei-Jay Lin, and Tao Yu</i>

Oct. 24, 2006, Afternoon

	Track 1 Room: 601	Track 2 Room: 602	Track 3 Room: 603	Track 4 Room: 604
16:05 - 18:10	<p>Session 9: Service-Oriented Engineering and E-Business (II)</p> <p>271 Service Pattern Discovery of Web Service Mining in Web Service Registry-Repository <i>Qianhui Althea Liang, Jen-Yao Chung, Steven Miller, and Yang Ouyang</i></p> <p>459 Context-Aware Personalization in Pervasive Communications <i>Yuping Yang, M. Howard Williams, Rob Pooley, and Rick Dewar</i></p> <p>193 Objective Functions Analysis for QoS-Aware Web Service Composition <i>Tao Zhou, Deren Chen, and Xiaolin Zheng</i></p> <p>383 Service Selection Modeling in Networked Environments <i>Ruixi Yuan, Qianchuan Zhao, Hong Cai, Wenyu Wang, Xin Zhang, and Hui Li</i></p> <p>102 The TCPN-Based Verification of Temporal Consistency in Web Service Process <i>Hao Jiang and Zhi-jian Sun</i></p>	<p>Session 10: E-business Modeling and Infrastructure (I)</p> <p>3 P4SOA: A Policy Infrastructure for Verification and Control of Service Collaboration <i>X. Zhou, W. T. Tsai, X. Wei, Y. Chen, and B. Xiao</i></p> <p>33 Modeling Architectural Non-Functional Requirements: From Use Case to Control Case <i>Joe Zou and Christopher J. Pavlovski</i></p> <p>365 An Approach to Provisioning E-commerce Applications with Commercial Components <i>Lei Wang and Padmanabhan Krishnan</i></p> <p>320 A Collaborative Filtering Algorithm Employing Genetic Clustering to Ameliorate the Scalability Issue <i>Feng Zhang and Hui-you Chang</i></p> <p>63 A New Scheme for the Electronic Coin <i>Chao-Wen Chan and Chin-Chen Chang</i></p>	<p>Session 11: Marketing and Pricing for E-Business</p> <p>30 A Marketable Quality and Profitability Model for Network Service Pricing <i>Valbona Barolli, Heihachiro Fukuda, Leonard Barolli, and Makoto Takizawa</i></p> <p>229 Practical Application of FDC in Software Service Pricing <i>Yan Zheng, Wei Sun, Zhongbo Jiang, Rongzeng Cao, and Kuo Zhang</i></p> <p>465 Critical Factors for Successful Implementation of ERP in China <i>Dong Cheng, Feiyan Deng, and Hongtao Li</i></p> <p>181 Integrating Confidence in Electronic Negotiations: Perspectives from an Empirical Investigation <i>Oyindamola Abass and Gheorghita Ghinea</i></p> <p>89 Analysis of the Coexistence of Monopoly and Competition in Online Services Providers Market <i>Mingli Liu, Zhiwei Wang, Jingyuan Cheng, and Hong Zhang</i></p>	<p>Session 12: E-business Modeling and Infrastructure (II)</p> <p>374 Taxonomy of Java Web Application Frameworks <i>Tony C. Shan and Winnie W. Hua</i></p> <p>42 Enhanced Demand-Driven Service Differentiation Algorithm in Web Clusters <i>Xiaochang Wu, Mingshi Li, and Jianxin Wu</i></p> <p>334 A Business Collaboration Registry Model on Top of ebRIM <i>Birgit Hofreiter, Christian Huemer, and Marco Zapletal</i></p> <p>343 An Improved Query Plan in Data Stream <i>Jinxian Lin and Zhanping Zheng</i></p> <p>360 A Kind of E-government Website Evaluation Method Based on Neural Network <i>Chun Hua Ju, Ying Liang, and Dong Sheng Liu</i></p>
18:45 - 20:30	Reception at the restaurant "GuoDing 365" (365 Guoding Road)			

Oct. 25, 2006, Morning

	Track 1 Room: 601	Track 2 Room: 602	Track 3 Room: 603	SOSE
09:15 - 10:15	Keynote 2: J. Chung (IBM), K. Chao (Coventry University), Y. Li (Fudan University), "From e-Business Engineering to Service Oriented Application, Integration and Collaboration" Room: AIA Hall			
10:15 - 10:45	Coffee Break			
10:45 - 12:25	<p>Session 13: Performance Management and Scheduling</p> <p>137 Dynamic Evolution of Business Performance Management <i>Liangzhao Zeng, Hui Lei, Michael Dikun, Henry Chang, and Chang Shu</i></p> <p>208 Enterprise Telesales Opportunity Pipelines Performance Management <i>Trieu C. Chieu, Pawan Chowdhary, Shiwa S. Fu, Florian Pinel, and Jih-Shyr Yih</i></p> <p>313 Real Time Business Performance Monitoring and Analysis Using Metric Network <i>Pu Huang, Hui Lei, and Lipyeow Lim</i></p> <p>212 An Architecture for Supporting Batch Query and Online Service in Very Large Database Systems <i>Jung-Yeon Yang, Ig-Hoon Lee, Ok-Ran Jeong, Jun-Young Song, Chul-Min Lee, and Sang-goo Lee</i></p>	<p>Session 14: E-Business Engineering Applications</p> <p>297 Context-Aware Caching for Wireless Internet Applications <i>Wenlan Feng, Liang Zhang, Beihong Jin, and Zhihua Fan</i></p> <p>225 Developing the Framework of Integrated Performance Management System for State-Owned Enterprises in China <i>Xindi Wang and Qingjie Zhang</i></p> <p>35 An Aspect-Oriented Approach to Developing a Teleworking Grid <i>Mark Anderson and Laeeq Ahmed</i></p> <p>306 Service Oriented Design Method and Practice for Constructing Citizen-Centric Public Services <i>Hong Cai and Kezhao Wang</i></p>	<p>Session 15: E-services Engineering (I)</p> <p>81 F-Miner: A New Frequent Itemsets Mining Algorithm <i>Xiaoyun Chen, Longjie Li, Zhixin Ma, Shenshen Bai, and Feng Guo</i></p> <p>361 Users-Grid Matlab Plug-in: Enabling Matlab for the Grid <i>Raihan Ur Rasool and Qingping Guo</i></p> <p>210 Associating Expertized Information to Alleviate Sparsity Problem in Personalization <i>Ming-Yu Lee, Chiung-Wei Huang, and Hahn-Ming Lee</i></p> <p>27 Model Driven Data Warehousing for Business Performance Management <i>Pawan Chowdhary, George Mihaila, and Hui Lei</i></p>	<p>SOSE Opening Welcome by Program Chair: Chi Hung Chi Opening address by W.T. Tsai</p> <p>SOSE Keynote Dr. Larry Huang: "Services from Head to Toe" Dr. Larry Huang is the CTO of Primeton and is the author of the book "New Software Engineering: A Component-Oriented Approach"</p> <p>Room: 604</p>
12:25 - 13:30	Lunch at Conference Building (Ninth Floor)			

Oct. 25, 2006, Afternoon

	Track 1 Room: 601	Track 2 Room: 602	Track 3 Room: 603	SOSE Track 1 Room: 604	SOSE Track 2 Room: 301	SOSE Track 3 Room 302
13:30 - 15:10	<p>Session 16: E-Commerce Engineering</p> <p>265 From Commodity to Value: A Privacy-Preserving E-business Architecture <i>Yitao Duan and John Canny</i></p> <p>391 Efficient Scheduling of Vital E-commerce Requests <i>Muhammad Younas, Irfan Awan, and Kuo-Ming Chao</i></p> <p>77 Quality Management Using RFID and Third Generation Mobile Communications Systems <i>Hon Ng, Wilton Fok, Edward Wong, and Zongwei Luo</i></p> <p>396 An Environment of Modeling Business Centric Monitoring and Control Applications <i>Mari Abe, Teruo Koyanagi, Jun-Jang Jeng, and Lianjun An</i></p>	<p>Session 17: Industry Track</p> <p>289 Configuring Processes and Business Components—An Integrated Approach to Enterprise Systems Collaboration <i>Christian Janiesch, Alexander Dreiling, Ulrike Greiner, and Sonia Lippe</i></p> <p>368 Implementing a Banking Front End Processor in Taiwan Using SOA <i>Jenny Chen and Alyn Hsu</i></p> <p>156 Proxy Based EPC Track&Trace Service <i>Sunghak Song, Tak-Kiel Shim, and Ju-Hyun Park</i></p> <p>64 Developing New Customer Services for MDEs in E-time: A Platform-Based Approach and Its Support System <i>Youping Yu, Shuqin Cai, and Zhigao Liu</i></p>	<p>Session 18: E-services Engineering (II)</p> <p>158 Incremental Updating Algorithm Based on Artificial Immune System for Mining Association Rules <i>Yidan Su, Xinyi Gu, and Zhujuan Li</i></p> <p>120 CRUTCH: An Integration Framework for Web Service and MAS <i>Zhiyong Feng, Qiming Cheng, and Fei Zhao</i></p> <p>96 Alibaba International: Building a Global Electronic Marketplace <i>Jingzhi Guo, Iok Ham Lam, Jeong Lei, Xin Guan, Pei Hin Iong, and Meng Chao Ieong</i></p> <p>315 Achieving Transparent Integration of Information, Documents and Processes <i>Jingzhi Guo</i></p>	<p>Session 1: Modeling and Specification I</p> <p>Service Oriented Evolutions and Analyses of Design Patterns <i>Jing Dong, Sheng Yang, Dushyant S. Lad, and Yongtao Sun</i></p> <p>Service Engineering Design Patterns <i>Nikola Milanovic</i></p> <p>Service-Oriented in the Computing Infrastructure <i>Mark Chang, Jackson He, and Enrique Castro-Leon</i></p> <p>A Threshold Autoregressive Model for Software Aging <i>Xiu-E Chen, Quan Quan, Yun-Fei Jia, and Kai-Yuan Cai</i></p>	<p>Session 2: Systems and Evaluation I</p> <p>An Infrastructure for Web Services Migration for Real-Time Applications <i>Wei Hao, Tong Gao, I-Ling Yen, Yinong Chen, and Raymond Paul</i></p> <p>RTSOA: Real-Time Service-Oriented Architecture <i>W.T. Tsai, Yann-Hang Lee, Zhibin Cao, Yinong Chen, and Bingnan Xiao</i></p> <p>A Tuple-Space Based Coordination Architecture for Test Agents in the MAST Framework <i>Dezheng Xu, Xiaoying Bai, and Guilan Dai</i></p>	<p>Session 3: Trust, Privacy, and Security</p> <p>A Privacy Assessment Approach for Service Oriented Architecture Applications <i>Weider D. Yu, Sharanya Doddapaneni, and Savitha Murthy</i></p> <p>Implementation Issues of Authorization Mechanisms in Grid Computing Systems <i>Huaji Shi and Xibin Zhao</i></p> <p>Semantic Descriptions of Web Services Security Constraints <i>Dong Huang</i></p> <p>Delegation Models in Service Oriented Systems <i>S. Dehousse, L. Liu, C. Chi, and S. Faulkner</i></p>
15:10 - 15:40	Coffee Break					

15:40 - 17:20	Plenary Panel: Steven Miller, “Will existing CS, IT and IS departments really deliver the Service Science, Management and Engineering Vision?” Room: AIA Hall
18:30 - 22:00	Conference Banquet (Crown Plaza)
	Keynote 3: Prof. K-J Lin (UC at Irvine), “Serving Web 2.0 with SOA: Providing the Technology for Innovation and Specialization”

Oct. 26, 2006, Morning Continued

	SOAIC Track 1 Room: 602	SOAIC Track 2 Room: 603	SOAIC Track 3 Room: 604	SOAIC Track 4 Room: 502	SOSE Track 1 Room: 303	SOSE Track 2 Room: 304
10:45 - 12:45	<p>Session 19: Service Discovery</p> <p>444 A Presentation Feature Based Approach to Improving Interactive Web Service Discovery in Web Portals <i>Jingyu Song, Jun Wei, Shuchao Wan, and Hua Zhong</i></p> <p>458 AtomServ Architecture: Towards Internet-Scaled Service Publish, Subscription, and Discovery <i>Chen Wu and Elizabeth Chang</i></p> <p>467 Implementing Knowledge Base for HS Matchmaking <i>Wei Xie, Yinsheng Li, Yingxiao Xu, and Zhanxin Ma</i></p> <p>469 A Fuzzy Model for the Selection of QoS-Aware Web Services <i>Ping Wang, Kuo-Ming Chao, Chi-Chun Lo, Chun-Lung Huang, and Yinsheng Li</i></p>	<p>Session 20: AI in SOA</p> <p>425 Filling the Gap— Extending Service Oriented Architectures with Semantics <i>Adrian Mocan, Matthew Moran, Emilia Cimpian, and Michal Zaremba</i></p> <p>456 SemreX: Towards Large-Scale Literature Information Retrieval and Browsing with Semantic Association <i>Xiaomin Ning, Hai Jin, and Hao Wu</i></p> <p>415 Context Optimization of AI Planning for Services Composition <i>Lirong Qiu, Zhongzhi Shi, and Fen Lin</i></p> <p>433 WeSCo_CBR: How to Compose Web Services via Case Based Reasoning <i>Soufiene Lajmi, Chirine Ghedira, Khaled Ghedira, and Djamel Benslimane</i></p>	<p>Session 21: Service Modeling and Engineering</p> <p>470 Service Monitoring and Management on Multicore Platforms <i>Kwei-Jay Lin and Shih-Wei Liao</i></p> <p>431 A Service-Oriented Integrating Practice for Data Modeling, Analysis and Visualization <i>Dan Cheng, Zhibin Mai, Jianjia Wu, Guan Qin, and Wei Zhao</i></p> <p>471 SOA Collaboration Modeling, Analysis, and Simulation in PSML-C <i>Bingnan Xiao, W. T. Tsai, Qian Huang, Yinong Chen, and Ray A. Paul</i></p> <p>645 Data Communication Model of Grid Workflow <i>Hongwei Zeng and Huaikou Miao</i></p> <p>236 Agent-Based Approach for Dynamic Scheduling in Content-Based Networks <i>Raafat Aburukba, Hamada Ghenniwa, and Weiming Shen.</i></p>	<p>Session 22: Service-Oriented Applications</p> <p>417 Enabling Enterprise Resources Reusability and Interoperability through Web Services <i>Hongwei Wang and Heming Zhang</i></p> <p>423 A Service-Oriented Information System for Collaborative Research and Doctoral Education <i>Stefan Klink, Andreas Oberweis, Daniel Ried, and Ralf Trunko</i></p> <p>455 Develop a Telecommunication Service System Using Service-Oriented Architecture <i>Wenhui Sun, Feng Liu, Jinyu Zhang, and Gang Dai</i></p> <p>419 Next Generation Internet and P2P E-com Model <i>Zhiyuan Fang and Ruiqi Zheng</i></p>	<p>Session 7: Service Discovery</p> <p>Towards Service Discovery and Subscription Based on Community-of-Interest <i>Xuanzhe Liu, Gang Huang, and Hong Mei</i></p> <p>Ontology-Based Discovery of Data-Driven Services <i>Maarten Bynens, Bart De Win, Wouter Joosen, and Bart Theeten</i></p> <p>The Role of Ontology in Service Oriented System Development <i>Huaikou Miao and Junmei Sun</i></p> <p>Product Line Based Ontology Development for Semantic Web Service <i>Weishan Zhang and Thomas Kunz</i></p>	<p>Session 8: Service Composition</p> <p>Dynamic Weaving of Security Aspects in Service Composition <i>Haitao Song, Yanming Sun, Yingyu Yin, and Shixiong Zheng</i></p> <p>A Policy Framework for Collaborative Web Service Customization <i>Haiqi Liang, Wei Sun, Xin Zhang, and Zhongbo Jiang</i></p> <p>Dynamic Service Composition Based on Peer-to-Peer Network <i>Weihua Zhu, Zhihui Du, and Suihui Zhu</i></p> <p>An Optimized Strategy of Service Negotiation <i>Tianhao Sun, Shuangqing Li, and Qingsheng Zhu</i></p>
12:45 – 13:50	Closing Ceremony and Lunch at Conference Building (Ninth Floor)					

