

INNOVATIONS IN INFORMATION TECHNOLOGY
NOVEMBER 19-21, 2006
Jumeirah Beach Hotel, Dubai
PROGRAM

SUNDAY NOVEMBER 19

08:00-10:00 Registration

10:00-11:15 Welcome and Opening Ceremony

Opening Speech
HH Sheikh Maktoum bin Mohammed bin Rashid Al Maktoum
 Chairman of the Dubai Technology and Media Free Zone Authority

Keynote Speech 1
Bill Thomas
 Executive Vice President, EDS

Keynote Speech 2
Peter Freeman
 Assistant Director of National Science Foundation (NSF)

Unlocking the Transformational Power of IT

The Innovation Eco-system and Economic Development

11:15-11:30 Break

11:30-12:30 Discussion Panel

Topic
Technology Production in the Middle East: Barriers & Opportunities

Members
Mohamed Baka (IT Advisor to the Chairman, ADWEA), **Peter Freeman** (Assistant Director of National Science Foundation), **Bill Thomans** (Executive Vice President, EDS), **Hanns Windlele** (Vice President Europe, Mentor Graphics), **Yervant Zorian** (Vice President and Chief Scientist, Virage Logic; Vice President, IEEE Computer Society) and **Mitra Jay** (Founding Professor of Business Enterprise and Innovation at the University of Essex)

12:30-14:00 Lunch

Session 1: 14:00 – 15:40 (Sunday, November 19)						
Session 1A: Wireless Sensor Networks, Chairs: Mohsen Guizani, UAE University and Raed M. Shubair, Etisalat University						
Alexandre	Caminada	Universite de Technologie Belfort-Montbelliard	FRANCE	Oumaya Baala	Location Precision in Indoor Positioning System	
Jassim	Samhan	Etisalat University	UAE	Raed M. Shubair, M.A.Al-Qutayri	Design and Implementation of an Adaptive Smart Antenna System	
Mohsin	Samahi	Etisalat University	UAE	Raed M. Shubair	Performance of Smart Antenna Systems for Signal Detection and Estimation in Multipath Fading Environment	
Hafiz	Farooq Ahmad	National University of Science and Technology	PAKISTAN	Rabia Iqbal	Secure Dynamic Key Management for Sensor Networks	
Iman	Saleh	Virginia Tech	USA	Hesham El-Sayed, Mohamed Eltoweissy	A Fault Tolerance Management Framework for Wireless Sensor Networks	
Session 1B: Web Technology, Chairs: Soraya Kouadri Moustafaoui, Oxford Brookes University and Zakaria Maamar, Zayed University						
Olivier	Thiebaut	University of Teesside	UK	Alan Jones	A Web-Service Application for Ubiquitous Response to Emergency Situations in Hazardous Environments	
Zakir	Laliwala	Dhirubhai Ambani Institute of Information & Communication Technology	INDIA	Sanjay Chaudhary	Event-Driven Dynamic Web Services Composition: From Modeling to Implementation	
Elarbi	Badidi	UAE University	UAE	Larbi Esmah, Adel Serhani, Mohamed Elkoutbi	WS-QoSM: A Broker-based Architecture for Web Services QoS Management	
M. Arguello	Casteleiro	University of Salford	UK	Atif El-Hasia	Construction Knowledge Exchange: a case study of exploiting Semantics for Web Mining	
Hend	Al-Khalifa	Southampton University	UK	Hugh C. Davis	Measuring the Semantic Value of Folksonomies	

Session 1C: Knowledge Management 1, Chairs: Zoheir Ezziane, Dubai University and Ahmed Guessoum, Sharjah University						
Khalid	Al-Mabrouk	University of Southern Queensland	AUSTRALIA		Critical Success Factors Affecting Knowledge Management Adoption: A Review of the Literature	
Kenneth A.	Grant	Ryerson University	CANADA	Umair Quereshi	Knowledge Management Systems -- Why So Many Failures?	
Piers	Campbell	UAE University	UAE	Ken Adamson	Towards DSS: Enhancing Domain Knowledge through Knowledge Discovery	
Khalid	Al-Mabrouk	University of Southern Queensland	AUSTRALIA	Jeffrey Soar	Identification of Major Issues for Successful IT Transfer in the Arab World: The Preliminary Results	
Bashar	Al-Rawi	American University of Sharjah	UAE	Fadi Aloul	Solving Employee Timetabling Problems Using Boolean Satisfiability	

Session 1D: Wireless Communications, Chairs: Wathiq Mansour, American University in Dubai and Maamar Bettayeb, Sharjah University						
Amr	Mohamed Hussein Alnuweiri	University of British Columbia	CANADA		Cross-layer Framework for Rate Allocation in Heterogeneous Wireless Multicast	
Ezedin	Barka	UAE University	UAE	Mohammed Boulmalif, Amal Alitenji, Hanadi Al Suwaidi, Huda Khazaimy, Meera Al Mansouri	Impact of Security on the Performance of Wireless-Local Area Networks	
Camille	Gaspard	American University of Beirut	LEBANON	Ayman Kayssi, Ali Chehab	ODYSSEY: Policy-Driven Anonymizer for Handheld Wireless Devices Privacy	
Abbas	Mohammadi	Amirkabir University	IRAN	Roya E. Rezagah	Characterization of the Scalability of Wireless Ad Hoc Networks under Channel Constraints	
Ahn	Chang-Juni	Hiroshima City University	JAPAN	Satoshi Takahash, Makoto Taromaru	Transmit Sector Selection with Considering the Link Correlation for SDM/OFDM Systems	
15:40-16:00: Break						

Session 2: 16:00-17:40 (Sunday, November 19)

Session 2A: Information Systems, Chairs: Hazem El-Khatib, UAE University and Alain Hennebelle, Emirates Advanced Investments

Wail M.	Omar	Liverpool John Moores University	UK	A. Taleb-Bendiab	Defining An Ontology For E-Health Autonomic Software Services
Maajid	Merabti	Liverpool John Moores University	UK	Abir Jaafar Hussain, Rozaida Ghazali, Dhiya Al-Jumeily,	Dynamic Ridge Polynomial Neural Network for Financial Time Series Prediction
Bassam	Ahmad	Sohar University	OMAN	Wail M. Omar, A. Taleb-Bendiab	Autonomic Grid Overlay For Managing Financial Applications
Fariba	Shadabi	University of Canberra	AUSTRALIA		Learning from Ensembles: Using Artificial Neural Network Ensemble for Medical Outcomes Prediction
Rob	MacGregor	University of Wollongong	AUSTRALIA	P.N. Hyland, C. Harvie and B.C. Lee	An Examination of the Driving Forces Behind ICT Adoption in Australian Rural and Regional Medical Practices

Session 2B: Telecommunication, Chairs: Khaled Shuaib, UAE University and Soumaya Cherkaoui, University of Sherbrooke

Laith Awda	Kadhim	UOT	IRAQ		Ultrawide 83-nm 3 dB Gain-Band using Raman Amplifiers for WDM Long Distance Transmission
Rashida	Hashim	Sharjah University	UAE	Qassim Nasir, Saad Harous	Adaptive Multi-path QoS Aware Dynamic Source Routing Protocol for Mobile Ad-Hoc Network
Mohammad	Al-Qudah	Sharjah University	UAE	Lami Kaya	An Interactive Visual Debugging Tool for Viterbi Trellis Decoding of 2D Codes
M.	Alnuaimi	UAE University	UAE	K. Shuaib, I. Jawhar	Performance Evaluation of IEEE 802.15.4 Physical Layer Using MatLab/Simulink
Sahel	Alouneh	Concordia University	CANADA	Anjali Agarwal, Abdeslam En-Nouaary	A Novel Approach for Fault Tolerance in MPLS Networks

Session 2C: Knowledge Management 2, Chairs: Piers Campbell, UAE University and Margaret Tan, Nanyang Technological University					
<i>Dalia</i>	<i>Kriksciuniene</i>	<i>Vilnius University</i>	<i>LITHUANIA</i>	<i>Ingrida Sarkiunaitė, Virgijus Sakalauskas</i>	<i>Evaluating Return on Computer Literacy of the Enterprise with ECDL</i>
<i>Beverley</i>	<i>Hope</i>	<i>UAE University</i>	<i>UAE</i>	<i>Sally Dexter</i>	<i>ICT and Social Capital in the Knowledge Economy</i>
<i>Mikko</i>	<i>Siponen</i>	<i>Oulu University</i>	<i>FINLAND</i>	<i>Seppo Pahnla, Adam M. Mahmood</i>	<i>Factors Influencing to Protection Motivation and IS Security Policy Compliance</i>
<i>Ross</i>	<i>King</i>	<i>University of Wales</i>	<i>UK</i>	<i>May Lwin, Ross King, Jerome Williams</i>	<i>Privacy, Data Fabrication, and Knowledge Discovery in Databases</i>
<i>Amin Milani</i>	<i>Fard</i>	<i>Ferdowsi University of Mashhad</i>	<i>IRAN</i>	<i>Hoda Akbari, Mohammad -R. Akbarzadeh -T</i>	<i>Fuzzy Adaptive Resonance Theory for Content-Based Data Retrieval</i>

Session 2D: E-Business 1, Chairs: Habib Al-Asaad, ORACLE and Ramadan S. Ben Amer, EFORS					
<i>Abass</i>	<i>Oyindamola</i>	<i>Brunel University</i>	<i>UK</i>	<i>Gheorghita Ghinea</i>	<i>Electronic Negotiation Frameworks: A Snapshot of the State of The Art</i>
<i>Yaqoob</i>	<i>Siyal</i>	<i>Nanyang Technological University</i>	<i>SINGAPORE</i>	<i>B S Chowdhry, A Q Rajput</i>	<i>The Adoption of E-Commerce by Overseas Sindhis: An Empirical Study</i>
<i>Lejla</i>	<i>Vrazalic</i>	<i>University of Wollongong</i>	<i>AUSTRALIA</i>	<i>Rob MacGregor</i>	<i>Sector Driven Variations on E-commerce Adoption Barriers in Regional Small Businesses: An Australian Study</i>
<i>Heinz</i>	<i>Kreft</i>	<i>University of Kiel</i>	<i>GERMANY</i>	<i>Wael Adi</i>	<i>fairCASH – A Digital Cash Candidate for the Proposed GCC Gulf Dinar</i>
<i>Ibrahim</i>	<i>Mahmoud</i>	<i>Etisalat University</i>	<i>UAE</i>	<i>Jawad Berri</i>	<i>Enabling Cooperative E-Commerce on the Web</i>
17.40-18.00 Break					

Session 3: 18:00 – 19:40 (Sunday, November 19)					
Session 3A: Security and Privacy 1, Chairs: Ezedin Barka, UAE University and Farhad Keissarian, Wollongong University in Dubai					
Omar	Khadeer Hussain	Curtin University of Technology;	AUSTRALIA	Elizabeth Chang, Farookh Khadeer Hussain, C Tharam Dillon	Towards Ascertaining Risk in Digital Business EcoSystem Interactions
Mohammad	Amir Moulavi	Azad University of Mashhad	IRAN	Hossein Parvar	Secure Key Management in Hierarchical Group Communication Using Agents
Adel	Bouhoula	Ecole Supérieure des Communications de Tunis	TUNISIA	Zoheir Trabelsi	Handling Anomalies in Distributed Firewalls
Mohammad	Al-Jarrah	Yarmouk University	JORDAN	Abdel-Karim R. Tamimi,	A Thin Security Layer Protocol Over IP Protocol on TCP/IP Suite for Security Enhancement
Mohammed	Misbahuddin	Maulana Azad National Urdu University	INDIA	M.H. Shastrri, Nanded, Mohammed Aijaz Ahmed	A Simple and Efficient Solution to Remote User Authentication Using Smart cards
Session 3B: Network Applications, Chairs: Khalid Khawaja, American University in Dubai and Abderrafi Belfakih, Cisco Systems					
Mohamed	Kheir	German University in Cairo	EGYPT	Adel Abdin, Essam Hashish	An Extremely Compact UWB Microstrip Annular Ring Filter for Bluetooth Applications
Norrozila	Sulaiman	Newcastle University	UK	Rolando Carrasco, Graeme Chester	Analyzing the Performance of Voice over Internet Protocol (VoIP) in a 3G network
Sami	Habib	Kuwait University	KUWAIT	Mohammad Gh. Mohammad	Q8WARE: Synthesis Tool for Network-on-Chip Applications
Abderahmane	Lakas	UAE University	UAE	Mohammed Boulmalif	Study of the Effect of Mobility Hand-Over on VoIP over WLAN
Fisseha	Mekuria	GSTIT	ETHIOPIA	Ewan Sutherland	Future Networks and Services in Sub-Saharan Africa

Session 3C: Web Applications, Chair: Adel Serhani, UAE University and Emad Bataineh, Zayed University						
Sam/haa	R. El-Beltagy	Cairo University	EGYPT	Ehab Abdel-Hamid Mohamed, Salwa El-Gamal	A Feature Reduction Technique for Improved Web Page Clustering	
A. Ziad	Hatahet	Modelware Inc.	USA	Y.C. Chehadah, A. E. Agamy, Mohamed A. Bamakhrama, A. Banawan	Investigating Distribution of Data of HTTP Traffic: An Empirical Study	
Hugh	C. Davis	Southampton University	UK	Hend Al-Khalifa	FolksAnnotation: A Semantic Metadata Tool for Annotating Learning Resources Using Folksonomies and Domain Ontologies	
Tse-Ming	Tsai	Institute for Information Industry	TAIWAN	Chia-Chun Shih, Seng-cho T. Chou	Personalized Blog Recommendation Using Value, Semantic, and Social Model	
Houda	Nakkach	University Manoubah-ENSI	TUNISIA	Naoufel Kraiem, Henda Ben Ghezala	Identification of the Web Services Starting from the Existing Web applications	
Milos	Kudelka	Technical University of Ostrava	CZECH REPUBLIC	Vaclav Snasel, Eyas El-Qawasmeh, Ondrej Lehecka	Internet Searching Using Web Patterns	
Session 3D: Mobile Applications, Chairs: Jawad Berri, Etisalat University and Christoph Koehler, IBM						
Mohammad	Shirali-Shahreza	Sharif University of Technology	IRAN	Sajad Shirali-Shahreza	Preventing Mobile Software Cracking Using CAPTCHA	
Ricardo	De Oliveira Anido	State University of Campinas	BRASIL	Hiata Anderson	QuickFrame - A Fast Development Tool for Mobile Applications	
Hye Sun	Lee	Yonsei University	KOREA	Bong Gyou Lee, Lee, Chi Hyung	Analysis of the Actual Response Rates in Mobile Advertising	
Muhammad	Aiman Mazlan	Motorola Multimedia	MALAYSIA		Stress Test on J2ME Compatible Mobile Device	
Nabil	Al-Qirim	UAE University	UAE		Mobile Commerce Technologies Penetration in Small to Medium-Sized Enterprises in New Zealand	
20:00- GALA DINNER: CISCO Research Award and Distinguished Scholar Award						

MONDAY NOVEMBER 20

Session 4: 9:20 – 11:00 (Monday, November 20)

Session 4A: Human Computer Interaction, Chair: Naoufel Werghi, Dubai University and Ghassan Al-Qaimari, Fujairah College

M	Awais	Lahore University of Management Sciences	PAKISTAN	S Shamail, S Masud, W Ahmad	Continuous Arabic Speech Segmentation Using FFT Spectrogram
Muhammad Sarwar	Ehsan	Graz University of Technology	AUSTRIA	Gernot Kubin	Frame Change Ratio: A Measure to Model Short-Time Stationarity of Speech
Werner	Winiwarter	University of Vienna	AUSTRIA		WETCAT- Web-Enabled Translation Using Corpus-Based Acquisition of Transfer Rules
Yuki	Arase	Osaka University	JAPAN	Takahiro Hara, Toshiaki Uemukai, Shojiro Nishio	Nine-Button Web Browsing System for Cellular Phone Users

Session 4B: Tutorial 1, Pervasive Computing, Chair: Abdelrahmane Al-Ali, American University of Sharjah and Ghassan Kbar, American University of Dubai

Presenter	Sajal Das, University Distinguished Scholar Professor. Director, Center for Research in Wireless Mobility and Networking (CRWMan), University of Texas at Arlington				
Topic	Smart Environments – Technology, Protocols and Applications				

Session 4C: Software Applications, Chair: Saad Harous, Sharjah University and Adel khelifi, Al-Hosn University						
Kee	Woi Hin	Motorola Multimedia	MALAYSIA			<i>Future Implementation and Integration of Agile Method in Software Development and Testing</i>
Toufik	Taibi	UAE University	UAE		Taleb Mkadmi	<i>Generating Java Code from Design Patterns Formalized in BPSL</i>
Khaled	Hamdan	UAE University	UAE		Hazem El Khatib, John Moses, Peter Smith	<i>A Software Cost Ontology System for Assisting Estimation of Software Project Effort for Use with Case Based Reasoning</i>
Mohammed	El-Korek	American University of Sharjah	UAE		Taha Landolsi, A. R. Al-Ali, Yousel Al-Assef, Rawan Aloul	<i>Portable Integrated Multi-Signal Patient Monitoring System</i>
Sid Ahmed	Benzazaar	University of Oran	ALGERIA		Belbachir Hafida, Hemerlain Dalila	<i>Cybernetic Behavior of the Intelligents Agent ConRaider</i>
11.00-11.20 Break						

Session 5: 11:20 – 13:00 (Monday, November 20)						
Session 5A: Invited VIP Session: New Generation IT, Chair: Ibrahim Hajj, Dean, American University of Beirut						
Muhammad	Hussain	VP, Business Development, IBM				<i>Innovation for the 21st Century...</i>
Mitra	Jay	Professor, Essex University				<i>New Horizons for Information and Communications Technology: The Entrepreneurial Perspective</i>
Ali	Faramawy	VP Europe, Africa & Middle-East, Microsoft				<i>Enabling IT for a People Ready Business</i>
Swami	Manohar	President, PicoPeta				<i>OpenAlChemy: An Alternate handheld UI</i>

Session 5B: Tutorial 1: Pervasive Computing (Con't), Chair: Abdelrahmane Al-Ali, American University of Sharjah and Ghassan Kbar, American University of Dubai	
Presenter	Sajal Das, University Distinguished Scholar Professor. Director, Center for Research in Wireless Mobility and Networking (CRWMan), University of Texas at Arlington, USA
Topic	Smart Environments – Technology, Protocols and Applications
13.00-14:00 Lunch Break	

Session 6: 14:00 – 15:40 (Monday, November 20)						
Session 6A: Data Mining, Chairs: Denis Pechnov, Olivercom LLC and Ghassan Qaddah, American University in Sharjah						
Omar	Boussaid	University of Lyon 2	FRANCE	Riadh Ben Messaoud, Sabine Loudcher	Mining Association Rules in OLAP Cubes	
Guanling	Lee	National Dong Hwa University	TAIWAN	Yuh-Tzu Lin	A Study on Proportional Fault-tolerant Data Mining	
Mustafa Mat	Deris	College University Technology Tun Hussein Onn	MALAYSIA	Wan Shuhadah Wan Nawang , Mamat Rabiei	Update-Ordering for Database Consistency in Peer-to-peer Environments	
Minghua	Pei	Osaka University	JAPAN	Shinichi Taniguchi, Shiga University, Takahiro Hara, Shojiro Nishio	Discovering Important Rules and Loyal Customer by Considering the Repetition in Association Rules	
Samhaa	R. El-Beltagy	Cairo University	EGYPT		KP-Miner: A Simple System for Effective Keyphrase Extraction	

Session 6B: Tutorial 2: Quality Assurance, Chairs: Ahmed Jaffar, UAE University and Laila Taher, Dubai Roads & Transport Authority	
Presenter	Raed H. Charafeddine, Assistant General Manager and Head of Branch Network, Fransabank, Lebanon
Topic	Leading Change: A Choice or a Must?

Session 6C: Security and Privacy 2, Chairs: Hassan Barada, Etisalat University and Ahmed Qadri, Emirates Computers						
<i>Sabah</i>	Al-Fedaghi	<i>Kuwait University</i>	<i>KUWAIT</i>		Personal Management of Private Information	
<i>Ali</i>	Chehab	<i>American University in Beirut</i>	<i>LEBANON</i>	<i>Wassim Itani, Ayman Kayssi</i>	SECERN: A Secure Enterprise Backup and Recovery Protocol for Mission-Critical Relational Database Servers	
<i>Khaled</i>	Kevin Deeb	<i>Barry University</i>	<i>USA</i>		Efficiency, Privacy, and Security Analysis of Ubiquitous Systems in the Retail Industry	
<i>Safuat</i>	Hamdy	<i>UAE University</i>	<i>UAE</i>		Computations in Class Groups of Imaginary Quadratic Number Fields	
<i>Mahmood</i>	Doroodchi	<i>Cardinal Stritch University</i>	<i>USA</i>	<i>Kayvan Farzaneh</i>	XML Security beyond XSLT	
15:40 – 16:00 Break						

Session 7: 16:00 – 17:40 (Monday, November 20)						
Session 7A: E-Business 2, Chairs: Peter Fettke, German Research Center for Artificial Intelligence and Maged Wassim, IBM						
Jayavel	Sounderpandian	University of Wisconsin-Parkside	USA	Rajendra V. Boppana, Suresh Chalasani	Cost-Benefit Analysis of RFID Implementations in Retail Stores	
Thomas	Menkhoff	Singapore Management University	SINGAPORE	Yue Wah Chay, Benjamin Loh, Hans-Dieter Evers	Creating Knowledge through Combination – A Case Study from Singapore	
Thierry	Bodhun	Research Centre On Software Technology	ITALY	Rosa Preziosi, Maria Tortorella	Building an RFID Document Management Service	
Abir	Jaafar Hussain	Liverpool John Moores University	UK	Rozaida Ghazal, Dhiya Al-Jumaily, Madjid Merabti	Dynamic Ridge Polynomial Neural Network for Financial Time Series Prediction	
Peter	Fettke	Institute of Information Systems	GERMANY	Peter Loos	Using Reference Models for Business Engineering - State-of-the-Art and Future Developments	

Session 7B: Tutorial 2: Quality Assurance (Cont'd), Chairs : : Ahmed Jaffar, UAE University and Laila Taher, Dubai Roads & Transport Authority	
Presenter	Raed H. Charafeddine, Assistant General Manager and Head of Branch Network, Fransabank, Lebanon
Topic	Leading Change: A Choice or a Must?

Session 7C: Computer Systems, Chairs: Valerieu Beiu, UAE University and Sam Al-Schamma, INTEL						
Bruce	Mills	UAE University	UAE	P. W. Chandana Prasad, V.C. Prasad	Benchmark Circuit Complexity Validation using Binary Decision Diagram Characteristics	
Fadi	Sibai	UAE University	UAE		Dissecting the PCMark®05 Benchmark and Assessing Performance Scaling	
Said	Elnaffar	UAE University	UAE	Pat Martin	Techniques and a Framework for Characterizing Computer Systems' Workloads	
Nguyen	The Loc	Japan Advanced Institute of Science and Technology	JAPAN	Said Elnaffar, Takuya Katayama, Ho Tu Bao	Grid Scheduling using 2-Phase Prediction (2PP) of CPU Power	
Sedigheh	Khajoueinejad	Islamic Azad University of Mashhad	IRAN	Mojtaba Sabeghi, Azam Sadeghzadeh	A Fuzzy Cache Replacement Policy and its Experimental Performance Assessment	
Naeem Z	Azeemi	Technical University of Vienna	AUSTRIA		Multicriteria Energy Efficient Source Code Compilation for Dependable Embedded Applications	

TUESDAY NOVEMBER 21

Session 8: 9-20 – 11:00 (Tuesday, November 21)

Session 8A: Multimedia 1, Chairs: Jihad Mohaidat, Dubai Silicon Oasis and Yaqoob Siyal, Nanyang Technological University						
Shahnaz	Behnami	University of Sorbonne	FRANCE		Advanced E-access Content Filimage System: Synthesis File cards through Automatic Images-Captions Web-Pages Extraction	
Ataullah	Solangi	UET Texila	PAKISTAN	Yaqoob Siyal	A Novel Morphological Edge Detector Based Approach For Monitoring Vehicles At Traffic Junctions	
Tetsuji	Takada	University of Electro-Communications	JAPAN	Takehito Onuki, Hideki Koike	Awase-E: Recognition-based Image Authentication Scheme Using User's Personal Photographs	
Habib	Hamam	University of Moncton	CANADA	Daniel LeBlanc, Yacine Benahmed, Sid-Ahmed Selouani, Yassine Bouslimani	Computer interface by gesture and voice for users with special needs	
Yaqoob	Siyal	Nanyang Technological University	SINGAPORE	Fawad Ahmed	A Novel Hashing Scheme For Image Authentication	

Session 8B: E-Government, Chairs: Hassan Selim, UAE University and Hashem Al-Refaei, RAK E-Government					
Torki	Altameem	Brunel University	UK		A Proposed Model for E-Government Implementation
Kashif	Farooq	Lahore University of Management Sciences	PAKISTAN	S Shamail, M Awais	Devolution of E-Governance among Multilevel Government Structure
Selma	Limam Mansar	Zayed University	UAE		E-Government Implementation: Impact On Business Processes
Mohammed	Abu Jayyab	American University of Sharjah	UAE	Salim Al Ahdab, Hazem Taji, Zahra Al Hamdani, Fadi Aloul	PolluMap: A Pollution Mapper for Cities
Jennifer	Decruz Owen Allan	School of Advanced Computing	MAURITIUS	Narainee Rambajun, Sanjay P Sood, Victor Mbanika, Rajeev Agrawal, Zia Saquib	The E-Government Concept: A Systematic Review of Research and Practitioner Literature

Session 8C: Multimedia 2, Chairs: Ashraf Elnagar, Sharjah University and Andrea Emilian, IBM					
Jan Carlo	Barca	Monash University;	AUSTRALIA	Grace Rumanthir, Raymond Koon Li	A New Illuminated Contour-Based Marker System for Optical Motion Capture
Naeem	Radi	Liverpool John Moores University	UK	Abir Jaafar Hussain, Dhiya Al-Jumeily	Adaptive Variable-Length Quantiser for Image Compression
Athanasios	Drigas	N.C.S.R. 'Demokritos', IIT, Net Media Lab	GREECE	Stelios Kouremenos, Dimitris Kouremenos, Abdolhossein	Performance Evaluation of Sign-Language Videoconference Traffic
Abbas	Bigdeli	National ICT Australia Ltd.	AUSTRALIA	Saratrazadeh, Samuel Alexander, Farhad Dadgostar, Chao Fan	See Me, Teach Me: Facial Expression and Gesture Recognition for Intelligent Tutoring Systems
Tamer	Rabie	UAE University	UAE		A Novel Compression Technique for Super Resolution Color Photography

Session 8D: Tutorial 3: Information Security, Chairs: Safuat Hamdy, UAE University and Habib Telhami, British University in Dubai	
Presenters	Fadi Aloul, American University of Sharjah, UAE Ahmed El-Khatib, PointSec Inc, SWEDEN
Topic	Information Security: From Theory to Practice

Session 8E: Tutorial 4: Web Services, Chair: Zakaria Maammar, Zayed University	
Presenter	Soraya Kouadri Moustefaoui, Associate Professor, Oxford University, UK
Topic	Best Practices in Web Services: "Paving the Way to SOA Success"
11.00-11:20 Break	

Session 9: 11:20 - 13:00 (Tuesday, November 21)	
Session 9A: Tutorial 3: Information Security (Cont'd) Chairs: Safuat Hamdy, UAE University and Habib Telhami, British University in Dubai	
Presenters	Fadi Aloul, American University of Sharjah, UAE Ahmed El-Khatib, PointSec Inc, SWEDEN
Topic	Information Security: From Theory to Practice

Session 9B: Tutorial 4: Web Services (Cont'd), Chair: Zakaria Maammar, Zayed University	
Presenter	Soraya Kouadri Moustefaoui, Associate Professor, Oxford Brooks University, UK
Topic	Best Practices in Web Services: "Paving the Way to SOA Success"
13.00-14.00 Lunch, Closing Ceremony and Best Paper Award Announcement	

Session 9C: Special Exhibit, Chair: Samer Ajrouche, HYPERLINK	
Presenters	Dr. Ahmad Jaffar, Associate Professor, UAE University, UAE Dr. Muhim Al-Doori, Associate Professor, American University in Dubai, UAE
Topic	<i>E-Business Walkthrough using an ERP portal</i>