

2nd Annual Undergraduate Research Conference on Applied Computing
College of Information Technology, Zayed University, Dubai, UAE
May 5 - 6, 2010
<http://www.zu.ac.ae/urc>

Conference Program (Oral Presentations)

Day	Session	Track Name	Room#	Sequence #	Paper #	Title	Authors	Affiliation
1	Morning 11:00 - 12:00 noon	Environmental IS	F-GF-015	1	2	The Qatari Environment Friendly Web Portal	Abusin Rahama, Abdlah A. Sabri, Mohamad H. Abbasi, & Jihad Mohamad ALJA'AM	Qatar University, Qatar
		Chair: Abdallah Tubaishat, Zayed University		2	109	Smart Home Automation	Majid A. Al Amiri, Mahmoud A. Al-Qutayri, & Jeedella S. Jeedella	Khalifa University of Science Technology and Research, UAE
				3	111	Solar Powered Autonomous Explorer	Mohammed A. Sahem, Mahmoud A. Al-Qutayri, & Jeedella S. Jeedella	Khalifa University of Science Technology and Research, UAE
		Wireless Applications	F-GF-014	1	7	WIPMON: Wireless Sensor System for Industrial Process Monitoring	Amr Mohamed, Athmane Boularas , Ramzi Bendeddouche , Mohamed Al-Damarawy	Qatar University, Qatar
		Chair: Azzedine Lansari, Zayed University		2	86	On the Performance of MIMO technology for wireless networks	A Al-Dakhil, A Al-Okaili, H Al-Mezainy, H Rammal, L Al-Barrak, M AL_Yusufi, M Al-Balla'a, S M. Al-Salamah & M Al-Rodhaan	King Saud University, KSA
				3	91	Wireless Mesh Network planning tool	Abdulahakim Mohamed Altenaiji, Youssef Iraqi	Khalifa University of Science Technology and Research, UAE
		IS in Education	F-GF-013	1	5	Capstone Project Manager Software	Sara Karem, Lamia Subhi, Adel Khelifi	ALHOSN University, UAE
		Chair: Mahmoud Al-Qutayri, Khalifa University		2	10	Multimedia Support System for Learning UML	Faisal Saleh Alghowinem, Ahmed Ali Kormi, Turkey Abdullah Alhoyimel	Imam Muhammad Ibn Saud Islamic University, KSA
				3	12	Impact of the Internet on Reading Habits	Dalal Nasser Al-Musallam & Murtaza Ali Khan	Royal University for Women, Bahrain
		Networking and Security	F-GF-026	1	16	Password Security of Key Exchange Protocol using Elliptic Curve Cryptosystem	Bushra Saleh Khatir Al Nofali, Haifa Gharib Obaid Al-Harassi, & Supervisor- Jayaprakash Kar	Al Musanna College of Technology, Oman
		Chair: Murad Rajab		2	44	A Mobile Shopping Application for Consumer Electronics	Hanan Al Marzouqi, Mouza Al Mazroui, Salwa Al Tamimi	Zayed University, UAE
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1	Afternoon 13:45 - 14:45	IS Applications	F-GF-015	1	48	Enhancing Students' Financial System Module	Eman Mohamed Daoud, Hiba Adnan Al-Assi, & Shaden Khaled Saleh	ALHOSN University, UAE
		Chair: Abdallah Tubaishat, Zayed University		2	29	Robotic Upper Limb Prosthesis – Phase 1	Hasnaa Al-Qahtani, Hanan Al-Enazi, Nadiya Noorudeen & Michael Risley	Texas A&M University at Qatar
				3	32	Customer Perception Towards E-commerce Technology Special Case: UAE Market	Budoor Mansoor , Emad Bataineh	Zayed University, UAE
		Visualization & Modeling	F-GF-014	1	47	Virtual Prototyping with stereoscopic 3D visualization tools	M. Zakhama, Shameel Abdulla, Y. Al-Hamidi, O. Bouhali	Texas A&M University at Qatar, Qatar
		Chair: Huwida Said, Zayed University		2	49	Three dimensional visualization of hydrogen and carbon production in a vortex solar reactor	Abdalla Abdalla, N. Ozalp, O. Bouhali, J.K. Devanuri, Ali Sheharyar	Texas A&M University at Qatar, Qatar
				3	52	3D visualization and Animation of Computer Simulation Results for Water-Oil Displacements in Sub-surface Reservoirs	Hussein Jichi, A. Gupta, O. Bouhali	Texas A&M University at Qatar, Qatar
		Networking and Security	F-GF-013	1	71	Tracking and Mining Phenomena Clusters in a Sensor Network Environment	Adnan Saadeddin, Zaher Al Aghbari, Ibrahim Kamel	University of Sharjah, UAE
		Chair: Emad Bataineh, Zayed University		2	70	Cloud Computing Security	Mohammed Saleh Almarzooqi, Chan Yeob Yeun & Ahmed Bentiba	Khalifa University of Science Technology and Research, UAE
				3				
		IS in Education	F-GF-026	1	13	Intelligence Explorer	Afra Al Shehhi, Asma Al Shangeeti, Sawsan Abdouli, Shaikhah Hamoudy, AbdulMatalib Wahaishi	UAE University, UAE
		Chair: Mahmoud Al-Qutayri, Khakifa University		2	23	Ambient Learning Companion	Aesha Ali Shehhi, Mariam Abdelhadi Hammadi & Shaikha Ali Dhahri	UAE University, UAE
				3	33	Twitter User Habits in ZU	Reem Al Junaibi Mariam Al Obaidly- Shaima Al Junaibi, Shaikha Al Hosany, & Gregory Skulmoski (Advisor)	Zayed University, UAE

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2	Morning 11:00 - 12:00 noon	Networking and Security	R-L1-127	1	72	Distributed Scheme for Cluster Detection in Multiple Data Streams	Walid Albarouni, Zaher Al Aghbari, Ibrahim Kamel	University of Sharjah, UAE
		Chair: Abdallah Tubaishat, Zayed University		2	81	Environment Sound Recognition using Zero Crossing Features	Mubark Obaid AlQahtani & Ghulam Muhammad	King Saud University, KSA
				3	103	Students Tracking System Using Radio Frequency Identification (RFID)	Ahmad M Sabban, Rayan M Ghamri	King Abdulaziz University, KSA
		IS Applications	R-L1-093	1	39	iMarket : An Intelligent Shopping Assistant	J Al-Mahmoud, R Al-Helwah, A AIOsaimi, B AlAhmadi, B AlThubaiti, M AlNassar, N AlDekhyl, S AlGhunaim & Dr Lilac AlSafadi	King Saud University, KSA
		Chair: Mario Guimaraes, Zayed University		2	85	P300 Speller Brain Computer Interface	Bilal Abdul Wareth Abdul All, AbdulRahman Mohammad AlFteih, Adnan Balbeid, Dr. Mahmoud Kamel & Prof. Reda Al Khoraibi	King AbdulAziz University, KSA
				3	92	A Location-Aware Service for Finding Accommodation in Sharjah	Abdulaziz Al Harmoudi, Youssef Iraqi	Khalifa University of Science Technology and Research, UAE
		Visualization & Modeling	R-L1-083	1	53	Visualization of Pore Network in Reservoir Rocks using 3D Modeling of Computed Tomography Scans	Hussein Jichi, A. Gupta, O. Bouhali	Texas A&M University at Qatar
		Chair: Maha Shakir, Zayed University		2	66	Extraction and alignment of facial regions for 3D facial image-based recognition	Ali Hasan Ali Malek, Naoufel Werghi, Harish Bhaskar	Khalifa University of Science Technology and Research, UAE
				3	62	Structural Analysis Using SolidWorks and LabVIEW Sensor Mapping VI	Shameel Abdulla, Y. Al-Hamidi, R. Tafreshi, Arjun Vs	Texas A&M University at Qatar, Qatar
		IS in Education	R-L1-071	1	38	Textbook Tracking Application	Eiman Al-Hemairi, Iman Al Wahedi, Loulwa Al-Qubaisi, & Shog Al-Matroushi	Zayed University, UAE
		Chair: Dinesh Kumar , Sohar University		2	6	Avatar-Based approach for teaching Arabic Sign-Language	Basmah Al-Faraj, Wafa Al-Rajhi, & Advisor Yahya O. M. Elhadj	Imam Muhammad Ibn Saud Islamic University, KSA
				3	59	Arabic Sign Language Recognition System (Glove-Based Approach)	Rami Abdullah Alghamdi, Mahmood Header Mohammed	King Abdulaziz University, KSA

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2	Afternoon 13:00 - 14:00	IS Applications	R-L1-127	1	94	"B with me" A GPS based self-tracking system	Amal Al-Thabit, Ashwag Al-Hargan, Asmaa Al Juhani, Haya Al-Tuwaijri, Khuloud Al-Odan, Nora Al-Mayouf, Sara Al-Abdullatif, & Mznah Al-Rodhaan	King Saud University, KSA
				2	101	Human Resources Management System Online Performance Appraisals	Ayesha Binloutah, Hind Hamed, Medeya Al shehhi, Sara Ismaeel	Zayed University, UAE
				3	114	UML Checker using XML-Based Parser	Nourah A. Aldahash, Nouf I. Almuhaithief, Wala'a N. Alsarami, & Dr. Mohammad N. Alanazi	Imam Muhammad Ibn Saud Islamic University, KSA
		Open Source	R-L1-093	1	42	Open Source Awareness: Measuring and Analyzing the Use of Open Source Software in the UAE	Asma Al Zaabi, Amani Ali Al Shabibi, Nasra Al Al Marshoudi & Dr. Manar Abu Talib	Zayed University, UAE
				2	74	Application and Importance of Free Open Source Software in the Current Environment of UAE Corporate Sector: An Empirical	Kripa Raj Devkishin, Amandeep singh Saini, Vishwesh Laxmikant Akre & Dr. Aftab Haider Rizvi	Manipal University Dubai, UAE
				3	76	Open Source Software: Opening a Window For Academicians	Deepika Satyarajan, Vishwesh Laxmikant Akre & Dr. Aftab Haider Rizvi	Manipal University Dubai, UAE
		Medical Computing	R-L1-083	1	108	Fingerprint Image Compression Using WSQ Algorithm IAFIS-IC-0110(V3)	Ali Alsolaiman, Fahad Alhasoun,	King Fahd University of Petroleum and Minerals, KSA
				2	112	Blind Assistant Navigation System	Majid O. Al Shamsi, Mahmoud A. Al-Qutayri, & Jeedella S. Jeedella	Khalifa University of Science Technology and Research, UAE
				3	89	Data Mining an Important Mechanism For Prediction And Prevention Of Gestational Diabetes Mellitus	Zehra Ali, Monisha Newton, & Sophia Rahaman	Manipal University Dubai, UAE
		IS in Education	R-L1-071	1	75	"Manipal Wiki – An e-Village for Education": Role of Wiki Technology in Universities.	Mumtaz Kazi, Selvi Singaravelu, Vishwesh Laxmikant Akre & Dr. Aftab Haider Rizvi	Manipal University Dubai, UAE
				2	113	An Educational Game in Marine Ecosystems - Marinitos	Areej S. Alsheikh & Dr. Oualid (Walid) Ben Ali	University of Sharjah, UAE
				3	55	Mobile Phone Based Educational Games to Improve English Literacy Skills of Limited English Proficient Adults	Aysha Siddique	Carnegie Mellon University Qatar, Qatar