



ICPET

ICPET 2018 Technical Program

Day 1: Wednesday October 3, 2018		
08:20-08:45	<ul style="list-style-type: none"> Registration 	
08:45-09:35	<ul style="list-style-type: none"> Opening Ceremony 	Main Hall
09:35-10:00	<ul style="list-style-type: none"> Keynote Speaker Prof. Raed Mesleh, [German Jordanian University] Presentation Title: "Transmitter Design and Hardware Considerations for Variant Space Modulation Techniques and Generalized Space Modulation Techniques" 	Main Hall
10:00-10:20	Coffee Break	
10:20-11:20	<p>Session 1: Computer and Control Systems Chair: Dr. Ahmed Issa</p> <ul style="list-style-type: none"> Nadra Tabassam and Roman Obermaisser. "<u>Minimizing the Make Span of Diagnostic Multi-Query Graphs Using Query Aware Partitioning in Embedded Real-Time Systems</u>", [University of Siegen, Germany] Ezzaldeen Edwan, Asmaa Y. Shaheen and Adnan Alloh. "<u>Assets and Keys Management System Using NFC Technology</u>", [Palestine Technical College – Deir El-Balah, Palestine] Mahmoud Al Ashi, Hatem Elaydi and Iyad Abu Hadrous. "<u>Modelica Based Object-Oriented Modeling and PD-Computed Torque Control of a 2-DOF Robotic Arm</u>", [Islamic University of Gaza] 	Main Hall
11:20-11:40	Coffee Break	
11:40-13:00	<p>Session 2: Web and Mobile Applications Chair: Dr. Samy Salamah</p> <ul style="list-style-type: none"> Muhamad Faudzi Nurul Awanis and Zarul Fitri Zaaba. "<u>Interactive and Usable Waste Management System: A concept by My Intelligent Bin (MIB)</u>", [Universiti Sains Malaysia, Malaysia] Abdalla Wasef Marashdih and Zarul Fitri Zaaba. "<u>Cross site Scripting: Investigations in PHP web application</u>", [Universiti Sains Malaysia, Malaysia] Ahmad Adnin Abdul Rahman and Zarul Fitri Zaaba. Usable Tourism Application: MyTourist PlannerMalaysia [Universiti Sains Malaysia, Malaysia] Tamer Madi, Zulkhairi Dahalin and Fauziah Baharom. "<u>Value in the Eyes of Users: A Case Study of Web-based Applications using Repertory Grid Technique</u>", [Israa University, Palestine] 	Main Hall

13:00-14:00	Lunch Break	
14:00-15:20	Session 3: Communications Technology (Parallel Session) Chair: Dr. Jalal Al Roumy <ul style="list-style-type: none"> • Ali Jamoos and Moataz Hussien. <u>“Estimation of UFMC Time-Varying Fading Channel Using Adaptive Filters”</u>, [Alquds University, Palestine] • M.-T. El Astal, Alaa Alhabbash and Ammar Abu-Hudrouss. <u>“Low-complexity detection for space-time block coded spatial modulation systems”</u>, [Islamic University of Gaza] • Talal Skaik and Mahmoud Abujalambo. <u>“Design of Microstrip Circular UWB Antenna with Reconfigurable Frequency and Radiation pattern”</u>, [Islamic University of Gaza] • Ali Jamoos and Lama Ayyash. <u>“Adaptive Filter Based Decision Fusion For Cooperative Spectrum Sensing In Cognitive Radio Networks”</u>, [Alquds University, Palestine] 	Main Hall
15:20-15:40	Coffee Break	
15:40-16:20	Session 4: Energy Technology Chair: Assoc. Prof. Ghassan Abu Orf <ul style="list-style-type: none"> • Mohammad Aqel, Ahmed Issa, Eman Qasem and Wessal El-Khatib. <u>“Hydroelectric Generation from Water Pipelines of Buildings”</u>, [Al Azhar University – Gaza] • Ghada Mansi, Ezzaldeen Edwan, Mohamed Elnaggar and Matthias Ritter. <u>“Design of COTS Vertical Axis Wind Turbine for Urban Areas”</u>, [Palestine Technical College] 	Main Hall

Day 2: Thursday October 4, 2018		
09:00-09:25	<ul style="list-style-type: none"> • Keynote Speaker day 2 Prof. Dogan Kesdogan, [University of Regensburg] Presentation Title: “Quo vadis network anonymity?” 	Main Hall
09:25-10:00	<ul style="list-style-type: none"> • Graduation Projects Exhibition 	Exhibition Room
10:00-11:20	Session 5: Data Mining I (Natural Language Processing) Chair: Prof. Samy S. Abu Naser <ul style="list-style-type: none"> • Tao Yang, Cui Zhu and Wenjun Zhu. <u>“A Multi-Label Text Classification Method Based on Labels Vector Fusion”</u>, [Beijing University of Technology, China] • Heyam Elnajjar and Rebhi Baraka. <u>“Improving Dependency Parsing of Verbal Arabic Sentences Using Semantic Features”</u>, [Islamic University of Gaza] • Mahmoud Alfarra and Abdalfattah Alfarra. <u>“Graph-Based technique for Extracting keyphrases In a Single-Document”</u>, [University College of Science & Technology, Palestine] • Heba Lubbad and Wael Alsarraj. <u>“Bias Detection of Palestinian/Israeli Conflict in Western Media: A Sentiment Analysis Experimental Study”</u>, [Islamic University of Gaza] 	

11:20-11:40	Coffee Break	
11:40-13:00	Session 6: Electronic Systems Chair: Dr. Ezzaldeen Edwan <ul style="list-style-type: none"> • Aymen Ben Azouz, Ahmed Issa, Peter Knief, Thomas Kane, Shirley Coyle, Richard Costello, Kevin G McGuigan and Dermot Diamond. <u>“Evaluation of Use of Wearable Sensor Garment in Home Screening for Sleep Apnea Events”</u>, [Dublin City University, Ireland] • Sara Al-Masri, Aya Safi, Ahmad El-Farra and Mohanad Shehada. <u>“Designing a biosignal extracting device for estimating a blood pressure measurement”</u>, [University College of Science & Technology, Palestine] • Ahmed Issa, Mohammed El Shorafa, Mohammad O. A. Aqel, Dermot Brabazon and Paul Young. <u>“Remote Computer Based Learning System for Inverted Pendulum Lab Experiment”</u>, [Al Azhar University – Gaza] • Mohammad O.A. Aqel, Ahmed Issa, Doaa Abu Nada and Saher Draz. <u>“Development of Smart Masjid Display Using Raspberry Pi”</u>, [Al Azhar University – Gaza] 	Main Hall
13:00-14:00	Lunch Break	
14:00-15:00	Session 7: Data mining II Chair: Assoc. Prof. Wesam Ashour <ul style="list-style-type: none"> • Mohammed Tafish. <u>“Breast Cancer Severity Degree Predication Using Data Mining Techniques in the Gaza Strip”</u>, [Islamic University of Gaza] • Mohammed Qrenawi and Wael Al Sarraj. <u>“Identification of Cardiovascular Diseases Risk Factors among Diabetes Patients Using Ontological Data Mining Techniques”</u>, [Islamic University of Gaza] • Ihsan Abuamra and Ashraf Y. A. Maghari. <u>“Forecasting Groundwater production and Rain Amounts Using ARIMA-Hybrid ARIMA Case Study of Dear El-Balah City in GAZA”</u>, [Palestine Technical College] 	Main Hall
15:00-16:00	Closing Ceremony	Main Hall