Programme

Day 1 – Wednesday 31 October 2018

Time	Hall	Session	Details
09:00			Arrival and Registration
09:30			Opening and Welcome – Philadelphia University
10:00			**Coffee Break**
10:30	Hall 1		Keynote Speech 1: Dr. Masoud Mohammadian
11:30-13:00	Hall 2	**Session 1** AI/Big Data	Community Detection System in Online Social Network. Nizar Lamalem, Yahya Benkaouz and Mohammed Erradi Implementation of Data sampling in class imbalance learning for Cross Project defect. Lipika Goel, Mayank Sharma, Sunil Kr. Khatri and D Damodaran A Framework for User Profile Enrichment in Content-based Recommender Systems by inferring the Semantic Couplings. Mona Tanwar and Sunil Kumar Khatri
	Hall 1	**Session 2** IoT/Clouds/EE	Deriving Machine to Machine (M2M) Traffic Model from Communication Model. Basel Barakat, Simeon Keates, Kamran Arshad and Ian Wassell Energy-aware Self-Adaptive Middleware for Heterogeneous Parallel Architectures. Richard Kavanagh and Karim Djemame. Simulation of an Augmented Reality Application for Driverless Cars in an Edge Computing Environment. Abdullah Aljulayfi and Karim Djemame
13:30	Hall 1		Keynote Speech 2: Dr. Eleni Karatza
14:30			**Lunch**
16:00			Sightseeing - Visit to Jerash

Day 2 – Thursday 1st November 2018

Time	Hall	Session	Details
09:00	Hall 1		Keynote Speech 3: Dr. Juri Vain
09:30	Hall 1	Session 3 Networks	Multi-Destinations Round Trip Planner Protocol. Hisham Siam and Maram Bani Younes Hybrid Algorithm to Detect the Sybil Attacks in VANET. Salam Hamdan, Amjad Hudaib and Arafat Awajan Trust based Fuzzified Multicast Group Preventing Flooding to ensure QoS in Mobile Adhoc Networks. Shboha Tyagi, Subranil Som and Qamar Parvez Rana
	Hall 2	Session 4 SE	Whale Optimization Algorithm for High-dimensional Small-Instance Feature Selection. Majdi Mafarja, Iyad Jaber and Sobhi Ahmed Generating Maude Specifications from UML Interaction Overview Diagrams: A Graph Transformation Based Approach. Chafika Djaoui, Elhillali Kerkouche, Allaoua Chaoui and Khaled Khalfaoui New and fast algorithm to minimal cutsets enumeration based on necessary minimal paths. Yasser Lamalem, Khalid Housni and Nizar Lamalem
11:00	Coffee Break		
11:30	Hall 1	Session 5 Clouds/EE/IoT	Energy-based Cost Model of Virtual Machines in a Cloud Environment. Mohammad Aldossary and Karim Djemame Comparative Study for the Effect of CPU Speed in Fog Networks. Raneem Qaddoura and Saher Manaseer A smart city system using Backend as a service approach: Biskra city case study. Abir Hoadjli and Khaled Rezeg
	Hall 2	Session 6 NLP/Manuf	Multi-Objective Optimization Based Approach for Throughput Maximization in Reconfigurable Manufacturing Systems. Leila Belaiche, Laid Kahloul, Saber Benharzallah and Yousra Hafidi. Text-based Authorship Identification - A survey. Bushra Alhijawi, Safaa Hriez and Arafat Awajan Addressing Lexical and Semantic Ambiguity in Natural Language Requirements. Fatima Zait and Nacereddine Zarour
13:00	Lunch		

14:30	Hall 1		Keynote Speech 4: Dr. Hubert Baumeister
15:00	Hall 1	Session 7 SE	Measuring and Testing the Scalability of Cloud-based Software Services. Amro Al-Said Ahmad and Peter Andras Global Software Development and its Impact on Software Quality. Belal Shanyour and Abdallah Qusef A Novel Method for Computing Test Suites for Developing Reliable Software Applications. Masoud Mohammadian and Zafer Javed.
	Hall 2	Session 8 IoT	Towards to a New Interoperability Quality Model for IoTs. Rachida Ait Abdelouahid and Abdelaziz Marzak A Systematic Review on Different Security Frameworks of IoT. Kajol Rana, Ajay Vikram Singh and P. Vijaya
16:30	Closing		
18:00	Sightseeing - Visit to the Dead Sea		
20:00	Conference Dinner		