

13th International Symposium on Programming and Systems Conference Program

TIME	24th April 2018
8:00 – 9:00	Registration
9:00 – 10:00	Opening Ceremony
10:00 – 10:20	Coffee Break
10:20 – 11:50	Invited Talk 1: Prof. Tarik Taleb / Aalto University, Finland Towards Customizable Networks
Session 1 Networks & Smart Cities	
11:50 – 12:10	Kahina Ouazine, Hachem Slimani, Hassina Nacer, Jugurta Oudia and Nadira Maouche Alliance-based Approach for Reducing Saturation and Congestion in VANETs
12:10 – 12:30	Mohamed Lehsaini and Meriem Bouchra Benmahdi An Improved K-means Cluster-based Routing Scheme for Wireless Sensor Networks
12:30 – 12:50	Djahida Belayadi, Khaled-Walid Hidouci and Khadidja Midoun OL-BaS: Efficient Data Load-Balancing for Skewed Data with Approximate Load Statistics
12:50 – 14:00	Lunch Break
14:00 – 15:30	Invited Talk 2: Prof. Athman Bouguettaya / University of Sydney, Australia From IoT Data to Services
15:30 – 15:45	Coffee Break
Session 2 Smart Systems & Software Engineering	
15:45 – 16:05	Ouarda Zedadra, Meysa Idiri, Nicolas Jouandeau, Hamid Seridi and Fortino Giancarlo Levy Walk-based Search Strategy: Application to Destructive Foraging
16:05 – 16:25	Chemseddine Berbague, Nour El-Islem Karabadjji and Hassina Seridi Recommendation Diversification using a Wighted Similarity Measure in User-based Collaborative Filtering
16:25 – 16:45	Mohamed Boubenia, Fayçal M'Hamed Bouyakoub and Abdelkader Belkhir A Collaborative Recommendation System for Location-based Social Networks
25th April 2018	
9:00 – 10:30	Invited Talk 3: Dr Al-Sakib Khan Pathan /Southeast University, Bangladesh Defending Against Common Cyber Attacks: Phising and Cross-Site Scripting
10h30 – 10:45	Coffee Break
Session 3 Security	
10:45 – 11:05	Mohamed Mohammedi, Mawloud Omar, Wassila Aitabdellmalek, Abla Mansouri and Abdelmadjid Bouabdallah Secure and Lightweight Biometric-based Remote Patient Authentication Scheme for Home Healthcare Systems
11:05 – 11:25	Youssef Ould Yahia, Samia Bouzefrane and Hanifa Boucheneb Towards Privacy and Ownership Preserving of Outsourced Health Data in IoT-Cloud Context
11:25 – 11:45	Bouleglimat Imene and Hacini Salima Verifiable Outsourced Computation Integrity in Cloud-Assisted Big Data Processing
11:45 – 12:05	Lou Chen and Huibiao Zhu Modeling and Verifying TFTP using Communicating Sequential Processes
12:05 – 13:30	Lunch Break
13:30 – 15:00	Invited Talk 4: Dr Ameer Al-Nemrat / University of East London, UK Identity Theft on e-Government/e-Governance & Digital Forensics
15:00 – 15:15	Coffee Break
Session 4 Networks & Smart Cities	
15:15 – 15:35	Mahdi Bounouni and Louiza Bouallouche-Medjkoune Adaptive Credit-based Stimulation Scheme for Dealing with Smart Selfish Nodes in Mobile Ad Hoc Network
15:35 – 15:55	Mohamed Mohamadi, Badis Djamaa and Mustapha Reda Senouci Performance Evaluation of TSCH-Minimal and Orchestra Scheduling in IEEE 802.15.4e Networks
15:55 – 16:15	Assia Outamazirt, Kamel Barkaoui and Djamil Aïssani Maximizing Profit in Cloud Computing using M/G/c/k Queuing Model
16:15 – 16:35	Lamine Amour, Mohamed Ikbel Boulabiar, Sami Souihi and Abdelhamid Mellouk An Improved QoE Estimation Method based on QoS and Effective Computing
26th April 2018	
Session 5 Image Processing	
9:00 – 9:20	Naoual El Djouher Mebtouche, Abdelkrim Boumahdi and Nadia Baha Depth Estimation from a Single 2D Image
9:20 – 9:40	Safa Hamreras and Bachir Boucheham Adaptive Content based Image Retrieval based on RICE Algorithm Selection Model
9:40 – 10:00	Hassiba Talbi and Mohamed Khreddine Kholadi Predator Prey Optimizer and DTCWT for Multimodal Medical Image Fusion
10:00 – 10:15	Coffee Break
Session 6 Smart Systems & Software Engineering	
10:15 – 10:35	Moncef Trima and Toufik Benouhba Graphical Notation and Tool to Design JCSP Programs
10:35 – 10:55	Rabah Lebsir, Abdesslem Layeb and Fariza Tah HCiustMSA: A Hybrid Method with Clustering for Multiple Sequence Alignment
10:55 – 11:15	Lydia Rabia, Idir Amine Amarouche and Kadda Beghdad Bey Rule-based Approach for Detecting Dirty Data in Discharge Summaries
11:15 – 11:35	Lamiche Chaabane A Cooperative Solver for Single Machine Total Weighted Tardiness Scheduling Problem
11:35 – 12:35	Closing Ceremony
12:35 – 14:00	Lunch Break