

EDiS2020 schedule (time in UTC+1)

November 03, 2020

09:00	Opening	Duration
09:30	Keynote I: Carlos T. Calafate (Technical University of Valencia, Spain): UAV solutions based on wireless communications. (video) Session chair: Pr Lipari Giuseppe, Cristal, Lille, France.	25min
10:00	Keynote II: Smail Niar (Université Polytechnique Hauts-de-France): AI-based embedded systems for autonomous driving. (video) Session chair: Pr Philippe Devienne, Cristal, Lille, France.	25min
10:30-11:20	SESSION 1: REAL TIME, EMBEDDED SYSTEMS AND PARALLEL COMPUTING Session chair: Pr Amine Abdelmalek, Saida, Algeria. <ol style="list-style-type: none">1- (Paper-113) Chawki Benchehida, Benhaoua Mohammed Kamal, Zahaf Houssam Eddine and Giuseppe Lipari. Task and Communication Allocation for Real-time Tasks to Networks-on-Chip Multiprocessors. (video)2- (Paper-94) Khadidja Gaffour, Mohammed Kamal Benhaoua, Somdip Dey, Amit Kumar Singh and Benyamina Abou El Hassan. Dynamic clustering approach for Run-time Applications. (video)3- (Paper-17) Brahim Achour, Malika Belkadi, Rachida Aoudjit, Mustapha Lalam, Mehammed Daoui and Laghrouche Mourad. Dairy cows real time behavior monitoring by energy-efficient embedded sensor. (video)4- (Paper-40) Hichem Felouat. Graph Convolutional Networks and Functional Connectivity for Identification of Autism Spectrum Disorder. (video)5- (Paper-49) Alaà Fiad, Zoulikha Mekkakia Maaza and Hayat Bendoukha. Improved Round Robin Scheduling Algorithm With Varying Time Quantum. (video)	50min
11:20-12:10	SESSION 2 : INTERNET OF THINGS Session chair: Pr Bouabdellah Kechar, RIIR, UO1. <ol style="list-style-type: none">1- (Paper-41) Jose Vicente Yago Martínez, Antonio Skarmeta Gómez, Miguel Angel Zamora Izquierdo and Alfonso Ramallo González. IoT-based data management for Smart Agriculture. (video)2- (Paper-84) Souad Elhannani and Sidi Mohamed Benslimane. Quality of Context in internet of thing: Parameters and models. (video)3- (Paper-93) Olivier Debauche, Saïd Mahmoudi, Sidi Ahmed Mahmoudi, Pierre Manneback, Jérôme Bindelle and Lebeau Frédéric. Edge Computing for Cattle Behavior Analysis. (video)4- (Paper-62) Mahmoud Bersali, Abderrezak Rachedi and Hafida Bouarfa. A New Collaborative Clustering Approach for the Internet of Vehicles (CCA-IoV). (video)5- (Paper-22) Youcef Attou. Impact of the Geometrical Form on the Enhancement of Heat Transfer in Grooved Rotor of Electrical Machines. (video)	50min
12:10-12:35	Keynote III: Antonio F. Skarmeta (University of Murcia, Spain): Advanced IoT-based Platforms for Smart Infrastructure: Projects DEMETER and WATERMED. (video) Session chair: Pr Pierre Boulet, Cristal, Lille, France.	25min
12:40-13:30	Lunch	50min

13:30-14:20	<p>SESSION 3 : MULTI-OBJECTIVE OPTIMIZATION IN COMPUTER NETWORKS USING METAHEURISTICS</p> <p>Session chair: Pr Yahia Lebbah, LITIO, UO1.</p> <ol style="list-style-type: none"> 1- (Paper-99) Tarik Hadj Ali and Abdelkrim Hamza. A novel combined SLM-PTS technique based on Genetic Algorithms for PAPR reduction in OFDM systems. (video) 2- (Paper-74) Dallel Nasri and Diab Mokeddem. A new Lévy Flight Trajectory-Based Grasshopper Optimization Algorithm for Multi-objective Optimization Problems. (video) 3- (Paper-75) Badra Khellat Kihel. A Novel Genetic Grey Wolf Optimizer for Global Optimization and Feature Selection. (video) 4- (Paper-39) Meriem Zeboudj and Khaled Belkadi. Web Query Reformulation Using FireFly Algorithm. (video) 5- (Paper-69) Zeyneb Chafai and Hassina Nacer. Towards Performance Evaluation of Requests Satisfaction System in the Cloud Environment. (video) 	50min
14:20-15:10	<p>SESSION 4 : DISTRIBUTED SYSTEMS AND NETWORKED SYSTEMS</p> <p>Session chair: Pr Karim Bouamrane, LIO, UO1.</p> <ol style="list-style-type: none"> 1- (Paper-6) Latifa Souad Mahi and Malika Bourenane. Logical EDCA: A Novel EDCA mechanism for IEEE 802.11 based Networks. (video) 2- (Paper-97) Saloua Brahmi, Mohand Yazid and Mawloud Omar. Multiuser Access via OFDMA Technology in High Density IEEE 802.11ax WLANs: A Survey. (video) 3- (Paper-108) Kenza Hocini and Mohand Yazid. Toward a MAC Protocol Overcoming Hidden Stations Issue in IEEE 802.11ax Unidirectional Full Duplex Radio Communications. (video) 4- (Paper-32) Francesco Di Gregorio, Etienne Dupuis, Arnaud Castelltort, Gilles Sassatelli and Abdoulaye Gamatié. Versatile Software Framework for the Monitoring and Control of Distributed Computing Systems. (video) 5- (Paper-5) Pascal Lorenz and Louiza Hamada. LiFi Towards 5G: Concepts, Challenges, Applications in Telemedicine. (video) 	50min
15:10-16:00	<p>SESSION 5 : HARDWARE DESIGN FOR EMBEDDED AND DISTRIBUTED SYSTEMS</p> <p>Session chair: Pr Hafid Haffaf, RIIR, UO1.</p> <ol style="list-style-type: none"> 1- (Paper-77) Ilies Bensaada. Improving risk modelling in complex systems through the conceptual graph formalism. (video) 2- (Paper-109) Fouddad Fatma Zohra, Said Hiadsi and Bouzid Latifa. Ab initio calculations of the electronic and optical properties of PbS semiconductor. (video) 3- (Paper-15) Amel Baba Hamed, Hassane Bechar and Mohammed Amine Chikh. Comparative study of hardware implementations for the recognition of the Premature Ventricular Contraction. (video) 4- (Paper-8) Karim Meddah, Zairi Hadjer, Besma Bessekri, Hachemi Cherrih and Malika Kedir. FPGA implementation of Epileptic Seizure detection based on DWT, PCA and Support Vector Machine. (video) 5- (Paper-95) Fayssal Bendaoud. Markov model and a modified-SAW for network selection in a heterogeneous wireless environment. (video) 	50min
16h00-16:30	<p>SESSION 6 : POSTERS</p> <p>Session chair: Pr Mohamed Senouci, LAPECI, UO1.</p>	30min

	<p>1- (Poster-23) Bilal Tolbi and Asma Tafer. Urban Traffic Intersections Modeling in medium-sized cities using combined Multi-agent Systems and Timed Petri Nets. (video)</p> <p>2- (Poster-31) Meryem Bochra Benmahdi and Mohamed Lehsaini. A GA-based Multihop Routing Scheme using K-Means Clustering approach for Wireless Sensor Networks. (video)</p> <p>3- (Poster-55) Benamar Bouougada and Djelloul Bouchiha. Ontology Authoring from Relational Database: A Model Based Approach. (video)</p> <p>4- (Poster-89) Fairouz Bendjamaa and Taleb Nora. A Dialogue-System Using a Qur'anic Ontology. (video)</p> <p>5- (Poster-92) Abdennour Ilyas Benfriha, Lamia Triqui-Sari, Aïmed Eddine Bougloula and Mohammed Bennekrouf. The Impact Of Products Exchange In Multi-Level Multi-Products Distribution Network. (video)</p> <p>6- (Poster-115) Mohamed Yassine Hayi and Zahira Chouiref. An Improved Optimisation Algorithm to Find Multiple Shortest Paths over Large Graph. (video)</p>	
16:30-17:00	Debate and closure of the conference	30min