

Morning of Day 1: 15/12/2019	8:00	Registration		
	8:30			
	8:30	Opening Ceremony		
	9:00			
	Session 1: Chair : Pr. Ramdane Maameri, Abdelhamid Mehri University. Constantine			
	9:00	Invited Talk: Pr. Esmâ AIMEUR. University of Montreal, Canada		
	10:00	Privacy and Security issues in Artificial Intelligence		
	10:00	Coffee break and Poster Session: P#29, P35, P#70		
	10:30			
	Parallel Sessions			
		Parallel Session 2: Distributed and Complex Systems Chair : Pr. Salim Chikhi, Abdelhamid Mehri University. Constantine		Parallel Session 2: Pattern Recognition and Information Processing. Chair : Pr. Ali Moussaoui, Bachir El Ibrahimi University. BBA
	10:30	P#59. Hamida Bouaziz and Ali Lemouari. Solving the Cubic Cell Formation Problem Using Simulated Annealing Algorithm to Develop Multiple Configurations.	P#54. Kheireddine Abainia and Hamza Rebbani. Comparing the Effectiveness of the Improved ARLSTem Algorithm with Existing Arabic Light Stemmers.	
	11:00	P#24. Mohamed Nadjib Boufenara, Mahmoud Boufaïda and Mohamed Lamine Berkane. A Machine learning technique dedicated for biological data.	P#76. Mohamed Cheribet and Smaine Mazouzi. Edge Detection in Range Images Using a Modified Canny Filter.	
	11:30	P#69. Adel Saadi, Ramdane Maamri and Zaidi Sahnoun. A Natural inclusion of Motives inside BDI agents.	P#26. Rahima Boukerma, Salah Bougueroua and Bachir Boucheham. A Local Patterns Weighting Approach for Optimizing Content-Based Image Retrieval Using a Differential Evolution Algorithm.	
12:00	Session 3: Chair : Pr. Okba Kazar, Mohamed Khider University. Biskra			
12:00	Invited Talk: Pr Zaidi SAHNOUN. Abdelhamid Mehri-Constantine 2 University, Algeria			
13:00	Intelligence Artificielle : Nouvelle Perspectives, Nouveaux Défis			
13:00	Lunch Break			
14:00				

Poster Session	P#29	Samir Bouekkache, Okba Kazar, Samir Tigane, Laid Kahloul and Mounia Abik. Personalized E-learning system based on adaptation of learner preferences and characteristics.
	P#35	Kadri Salim, Aouag Sofiane and Hedjazi Djalal. Multi-level approach for controlling software architecture quality.
	P#70	Mohamed Ramdani, Benmohammed Mohammed and Nadjia Benblidia. A Full Distributed Scalar point Multiplication Protocol for Wireless sensor Networks.

Afternoon of Day 1: 15/12/2019	Session 4: Chair : Zizette Boufaida, Abdelhamid Mehri University. Constantine		
	14:00	Invited Talk: Dr. Zahia GUESSOUM. LIP6 of Paris 6, France	
	15:00	Multi-agent Coordination Models and Applications	
	Parallel Sessions		
		Parallel Session 5: Distributed and Complex Systems Chair : Mahmoud Boufaida, Abdelhamid Mehri University. Constantine	Parallel Session 5: Software Engineering Chair : Pr. Farid Mokhati, Larbi Ben M'hidi University. Oum el Bouaghi
	15:00	P#75. Soumia Zertal, Zakaria Laboudi and Slimene Bechoua. A novel ontology-based approach for describing cloud services.	P#88. Hanene Cherait and Nora Bounour. Detecting Logical Couplings at Model Level by Analyzing EMF Model repository.
	15:30		
	15:30	P#47. Sihem Klai, Med Tarek Khadir and Karima Chibane. Suffix Tree Construction based Mapreduce.	P#12. Abdelhakim Hannousse. A development process for component software with crosscutting and dynamic features.
16:00			
16:00	P#2. Sahli Nabil, Benmohammed Mohamed and Outbib Rachid. Semantic Security for smart grid deployment on hybrid Cloud.	#11. Karima Mecheri, Mahmoud Boufaida, Labiba Souici-Meslati and Wafa Chabbi. A Framework for Implementing the Interoperability of Semantic Web Services: Case Study.	
16:30			
19:00	Dinner		

Morning of Day 2: 16/12/2019	8:00	Late registration	
	8:30		
	Session 6: Chair : Pr. Bachir Boucheham, 20 Août 1955 University. Skikda		
	8:30	Invited Talk: Pr Allaoua CHAOUI. Abdelhamid Mehri-Constantine 2 University, Algeria	
	9:30	Model Driven Engineering in the Development of IoT Applications: Concepts and Challenges	
	9:30	Coffee break and Poster Session: P#17, P#34, P#60, P#67	
	10:00		
	Parallel Sessions		
		Parallel Session 7: Distributed and Complex Systems Chair : Dr. Nora Bounour, Badji Mokhtar University. Annaba.	Parallel Session 7: Smart cities and Next Generation Computing Chair : Pr. Hamid Seridi, 8 Mai 1945 University. Guelma.
	10:00	P#72. Sarra Boukria and Mohamed Guerroumi. Anomaly-based Intrusion Detection System for SDN network using deep learning approach.	P#61. Abdessamed Ouessai, Mohammed Salem and Antonio M. Mora. Online Adversarial Planning in μ RTS : A Survey.
10:30			
10:30	P#40. Sofiane Maza and Djaafar Zouache. Binary Firefly Algorithm for Feature Selection in Classification.	P#58. Amira Ichrak Tei, Zouina Doukha and Youcef Zafoune. Multi-criteria-based relay election for Data Dissemination in urban VANET.	
11:00			
11:00	P#31. Mohamed El-Arbi Djebbar, Mustapha Reda Senouci and Mohamed El-Yazid Boudaren. Geometry-aware Compressive Dictionary Learning based Rendering.	P#86. Bellaouar, Guerroumi and Moussaoui. QoS based Safety Message Dissemination Protocol For VSN in Smart City.	
11:30			
11:30	P#27. Abdeldjaouad Nusayr Medakene, Khadra Bouanane and Mohammed Abdelhadi Eddoud. A New Approach for Computing the Matching Degree in the Paper-to-Reviewer Assignment Problem.	P#15. Imene Mezenner, Samia Bouyakoub and Fayçal M'hamed Bouyakoub. Towards a time editor for orchestrating connected objects in the Web of Things.	
12:00			
12:00	Closing Ceremony		

Poster Session	P#17	Bachir Kaddar, Hadria Fizazi and Dou El Kifel Mansouri. Features Convolutional Neural Networks Selection Based On Analysis Of Variance.
	P#34	Ahlem Drif and Silvia Giordano. Tracking diffusion pattern based on Salient Tweets.
	P#60	Razika Lounas, Dhai Eddine Salhi, Hocine Mokrani, Mohamed Tahar Bennai and Rachid Djerbi. Towards a Smart Data Transmission Strategy for IoT Monitoring Systems: Application to Air Quality Monitoring.
	P#67	Ghitri Mustapha Salim, Messabihi Mohamed and Benamar Abdelkrim. Tool approach for formal verification of components interactions modeled in SysML.