

Program Overview

Friday 20 DECEMBER 2019

Session 1	Artificial Intelligence & Machine Learning
Session 2	The Internet of Things, Smart and sustainable cities
Session 3	Medical Science and Technology: towards Healthcare 4.0
Session 4	Entreprise Data-driven : Big data and Digital transformation
Session 5	Big Data, Business Intelligence and Web Intelligence
Session 6	Security, Privacy, Trust and Blockchain
Session 7	Natural Language Processing and social networking

08:30 – 10:30

08:30 – 09:00 Accueil & Inscription / Welcome/Opening/Registration

09:00 – 09:30 Mots d'ouverture des présidents/ Welcome speech from the Conference Chairs

09:30 – 10:30 **Plenary I** (Pr. Boualem BENATALLAH - University of New South Wales Sydney – Australia (Lyon University));
“ From software enabled services to conversation AI enabled cognitive services “

Chairman : Fadila BENTAYEB

10:30 – 11:00 **Coffee Break**

11:00 – 12:30

	Session 3	Session 4	Session 2
	Chairmans <i>Said Bensbih & Z. BESRI</i>	Chairmans <i>R. Maghoubi & H. Hajji</i>	Chairmans <i>Md Tabaa & Mounir Arioua</i>
11:00 – 11:20	Recognition of cardiovascular diseases with machine learning and data imputation methods <i>Nabaouia Louridi, Meryem Amar and El Ouahidi Bouabid</i>	Process mining driven analysis - Model discovery: Case study of RoRo terminals <i>Mouna Amrou Mhand, Azedine Boulmakoul, Hassan Badir and Mohamed Eddoujaji</i>	IoT Smart Parking Literature Review Based On A Layered Classification <i>Moussa Coulibaly and Ahmed Errami</i>
11:20 – 11:40	Machine Learning in Glomerular Diseases: Gene/Disease Association <i>Boutaina Ettetuani, Rajaa Chahboune and Ahmed Moussa</i>	Scan Enhancement Phase to Automate Digitized Document Categorization <i>Chaima Bennour and Thouraya Merazi Meksen</i>	Shortened Reed Solomon Performance for Industrial IOT Wireless Applications <i>Aamre Khalil, Safa Saadaoui and Mohamed Tabaa</i>
11:40 – 12:00	Towards an electronic PICO framework representation <i>Merad Badr and Belkadi Khaled</i>	Digital Transformation Metamodel in Banking <i>Fadoua Khanboubi and Azedine Boulmakoul</i>	Adaptive Neural Network Sliding Mode Control for Two Links Robot <i>Siham Massou and BOUMHIDI Ismail</i>
12:00 – 12:20	Toward Health 4.0: Challenges and Opportunities <i>Kaouter Karboub, Mohamed Tabaa, Sofiene Dellagi, Abbas Dandache and Fouad Moutaouakkil</i>	Tasks Scheduling Optimization and Data Replication Based on SLA for Scientific Workflow in Cloud Computing <i>Kouidri Siham and Yagoubi Belabbas.</i>	Reliability-Latency Tradeoffs of LDPC Coding in Ultra-reliable and Low-Latency 5G communications <i>Mohamed Zbairi, Imad Ez-zazi and Mounir Arioua</i>

12:30 – 14:30

Lunch Break

**8th edition of International
Conference on Innovation and New
Trends in Information Technology**

14:30 – 15:30

14:30 – 15:30

Plenary 2 (Dr. Rafiqul AKM EL HAQUE - Cognitus Paris - France):

« Fallacies and Critical Success Factors of Enterprise Data Science Project: An Industry Perspective »

Chairman : Omar BOUSSAID

15:30 – 16:00

Coffee Break

16:00 – 17:30

	Session 1	Session 2	Session 6
	Chairmans <i>M. Amine Boudia & El MOURABIT</i>	Chairmans <i>A. El Oualkadi & A. Chahboun</i>	Chairmans <i>H. Belmokaddem & N. Harbi</i>
16:00 – 16:20	Comparative analysis of traffic prediction models based on a real case study <i>Nadia SLIMANI, Ilham SLIMANI, Mustapha AMGHAR and Nawal SBITI</i>	Comparative Study on Wireless Mobile Generation Technologies: From 1G to 6G <i>Bilal BENHAYA, Soheyb AYAD and Labib Sadek TERRISSA</i>	BTAC: A Blockchain Technology Based Model for Access Control <i>Amine Rahmani, Amine Abbas and Housseem Dib.</i>
16:20 – 16:40	Intelligent System for “soft skills predictive hiring” using Machine learning <i>Said Achhab and Yassine Khallouk Temsamani,</i>	Performance Analysis of LoRa Modulation for the IoT <i>Yassine Yazid, Imad Ezzazi, Mounir Arioua and Ahmed El Oualkadi</i>	Hybrid Cloud-Based Mobile Payment Secure & Compliance Model <i>Amjad Rattrout and Adel Hassan.</i>
16:40 – 17:00	An LSTM Approach to Short Text Sentiment Classification with word2Vec <i>Mohammed El Amine Sehaba and Hasna Bouazza</i>	Broadband filters for telecommunications applications <i>Fayza BOUSALAH</i>	Smart Agent Predictor: a secure smart agent prediction system <i>Kenza Chaoui, Nouria Harbi, Nadia Kabachi and Hassan Badir</i>
17:00 – 17:20	Algorithmic model to predict the reachability of an e-Commerce website customers <i>Ouafae Baida, Oumaima Louzar, Mariam Ramdi and Abdelouahid lyhyaoui</i>	An IoT reactive system for dynamic spectral analysis of smart buildings <i>Azedine Boulmakoul Abdellah Daissaoui Lamia Karim and Ahmed Lbath</i>	The Role of Security Algorithm on Big Road Traffic <i>Salma Abarou, Abdellatif El Abderrahmani and Khalid Satori</i>

17:30 – 18:30



20:00 – 23:00

Gala Dinner

Saturday 21 DECEMBER 2019

09:30 – 10:30

09:30 – 10:30

Plenary 3 (Pr. Valentina-Emilia BALAS - Aurel Vlaicu University of Arad, Arad, Romania) :
« New Computational Intelligence Methods and Practical Applications »

Chairman : Azedine BOULMKOUL

10:30 – 11:00

Coffee Break

11:00 – 12:30

	Session I	Session 7	Session 5
	Chairmans <i>M. Amine Boudia & Ahmed LBATH</i>	Chairmans <i>H. BADIR & S. Saadaoui</i>	Chairmans <i>Anjad RATTROUT & Rafiqul Haque</i>
11:00 – 11:20	Knowledge Graph Embeddings via Node2vec for Movie Recommendation <i>Rima Boughareb, Hassina Seridi and Samia Beldjoudi</i>	Application of an artificial learning method for extraction of concepts and semantic relationships from Arabic texts <i>Benabdallah Ali and Boughari Nour El Houda</i>	Efficient Processing of SPARQL Optional query in an RDBMS <i>Nesrine Lehireche and Mimoun Malki.</i>
11:20 – 11:40	A Review of Unsupervised Machine Learning Algorithms for Fraud Detection in Health Insurance Domain <i>Ossama Cherkaoui, Houda Anoun, Abderrahim, Larbi Hassouni</i>	LSTM or GRU for arabic machine translation? Why not both! <i>Nouhaila Bensalah, Habib Ayad, Abdellah Adib and Abdelhamid Ibn El Farouk.</i>	An index-based solution to query the web of data <i>Ahmed Rabhi, Rachida Fissoune and Hassan Badir</i>
11:40 – 12:00	New Approach using Machine Learning Algorithm for Fire Forest Detection <i>Hanae CHAAOUAN, Mohammed ZOUITEN, Larbi SETTI</i>	Tag Recommendation for limited access papers annotation <i>Djalila Boughareb, Abdenour Khebizi, Rima Boughareb, Hamid Seridi and Nadir Farah</i>	Ontological case representation in an Educational Case-Based Reasoning System <i>Soundoss Abroun, Mohamed Ghailani and Abdelhadi Feman.</i>
12:00 – 12:20		Comparative Study of Semantic Process Mining <i>Aicha Khannat, Hanae Sbai and Laila Kjiri.</i>	

12:30 – 14:30

Lunch Break

8th edition of International Conference on Innovation and New Trends in Information Technology

14:30 – 15:15

Industrial Session

14:30 – 15:30

Conférence invitée (Mounir SOUSSI & Samad NOUNI - General Manager NWC Africa at Dell EMC) : « **Applications** »



Chairman : Hassan BADIR

15:15 – 15:45

POSTER - SESSION



Chairman: Rachida FISSOUNE

15:45 – 16:00

Coffee Break

16:00 – 17:30

	Session 5	Session 6
	Chairmans <i>A. Lachkar & M. Ghailani</i>	Chairmans <i>Aziz MABROUK & Ahmed MOUSSA</i>
16:00 – 16:20	Personal Data Detection in Multidimensional Databases <i>Amine MRABET, Ali HASSAN and Patrice DARMON</i>	Attacks and vulnerabilities classification in big data information's system <i>Anisse Soualah and Nouria Harbi</i>
16:20 – 16:40	Cloud Computing Host's fault tolerance using Multi-Agent <i>Amjad Rattout, Sanad Ahmad and Jehad Khlouf</i>	Intrusion Detection System With Grey Wolf Optimizer (GWO) <i>Kouidri Chaima, Yahlali Mebarka, Boudia Mohamed Amine and Kouidri Siham</i>
16:40 – 17:00	Including Images into Message Veracity Assessment in Social Media <i>Abderrazek Azri, Cécile Favre, Harbi Nouria and Jérôme Darmont.</i>	A Novel Message Mapping Algorithm for the improvement of Elliptic Curve Cryptosystems Performance <i>Youness Lahraoui, Youssef Amal and Saïida Lazaar.</i>
17:00 – 17:20		Securing IoT using Digital identity on the Blockchain <i>Azedine Boulmakoul. and Wadii Basmî</i>

17:30 – 18:30

Closing & Award Ceremony

