



جامعة الشاذلي بن جديد  
UNIVERSITE CHADLI BENDJEDID  
EL-TARF الطارف

Sciences and Technology Faculty  
Computer Science Department



# First National Conference

## Artificial Intelligence and Information Technologies



OnLine



El-Tarf, May 24th, 2021



Sciences and Technology Faculty  
Computer Science Department  
Chadli Bendjedid El-Tarf University (UCBET)  
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## Conference Program

### Opening Ceremony « Welcome to NCAIIT'2021 Conference »

09h00 -- 09h30

Google Meet : <https://meet.google.com/jvg-pprq-oho>

- Holy Qur'an & National anthem
- Word of Welcome from **Dr. REDOUANI L.**, Dean of Sciences and Technology Faculty
- Word of Welcome from **Dr. BENMACHICHE A.**, General Chair of NCAIIT'2021
- Word of Welcome from **Pr. BACHKHAZNAJDI A.** Rector of Chadli Bendjedid El-Tarf University

### Opening Keynote

Dr. AHMIM Ahmed -- « 6G : Global View and Open Research Problems »

09h30 -- 10h00

### ESLI Guest Presentation

10h00 -- 10h30

### Three Parallel Sessions

#### SESSION 1

(Central Library)

Chairs : Pr. BOUHADADA T. &amp; Dr. ZARZOUR H.

Google Meet : <https://meet.google.com/fgg-nkoi-szw>

#### « ORAL »

10h30 -- 10h45	Kezihi S. and Zekri M.	The impact of immersive technologies in our daily life.
10h45 -- 11h00	Redjimi K. and Redjimi M.	Modeling Based Multi-Agent System of an Industrial System
11h00 -- 11h15	Labioud Y., Amara Korba A. and Ghoulmi N.	Detecting IoT Botnet Attacks Using Deep Learning Approach
11h15 -- 11h30	Boulnemour I., Boucheham B. and Lahreche A.	Accelerating Quasi Periodic Dynamic Time Warping For Similarity Search in ECG Time Series
11h30 -- 11h45	Chemam C. and Zarzour H.	A New Approach to Switch From Natural Language to a SPARQL Query
11h45 -- 12h00	Teimziti A., Mahnane L. and Hafidi M.	Flipped classroom for algorithmic teaching based on ontology and bloom' s revised taxonomy
12h00 -- 12h15	Ferroum A. and Boudour R.	An HMM Model-Checker for complex systems.
12h15 -- 12h30	Bounouni M.	Acknowledgment-based Approaches Dealing Against Packet Dropping Attack in MANET: A Survey

#### 12h30 -- 14h00 Break ( Lunch )

#### « POSTER »

14h00 -- 14h10	Beddad B., Hachemi K. and Postaire J.	Fast and efficient Preprocessing Algorithm for Removing Highly Impulsive Noise in Digital Images
14h10 -- 14h20	Gasmi I., Seridi-Bouchelaghem H. and Anguel F.	A New Contextual Collaborative Filtering Recommendation Using Genetic Algorithm
14h20 -- 14h30	Gasmi I., Anguel F. and Khantouchi R.	E-learning platform based on Recommender System
14h30 -- 14h40	Gouaidia F. and Sari T.	Scale Invariant Features Transform for Content-Based Medical Image Retrieval Systems: an overview on recent application
14h40 -- 14h50	Mehar Z.	The tools of Artificial Intelligence applied to monitoring
14h50 -- 15h00	Makhlouf A. and Benmachiche A.	Bacterial Foraging Optimization Algorithm for a dynamic navigation for autonomous mobiles robots
15h00 -- 15h10	Bouguerne I.	3D reconstruction methods

**SESSION 2**  
(Central Library)Chairs : Dr. MAAZOUZI F. & Dr. BENMACHICHE A.  
Google Meet : <https://meet.google.com/qeb-sjfr-kbg>

« ORAL »		
10h30 -- 10h45	Labeni M., Boufenar C. and Taffar	Object multi-detection and multi-tracking via machine learning and deep learning
10h45 -- 11h00	Gasmi S. and Bouhadada T.	Personalized recommender system for e-learning environment based on student' s preferences and evaluation of teachers pee
11h00 -- 11h15	Gaham A., Melouah A. and Yakoubi M.	Bio-inspired techniques for robots autonomous navigation: a survey
11h15 -- 11h30	Dinar A., Ghouali S., Merabet B.	IP Msan Management In Algeria.
11h30 -- 11h45	Laifa H., Khcherif R., Hajjami H.	Semantic Big Data integration: A survey
11h45 -- 12h00	Belaggoune M. and Benblidia N.	Breast histology images classification using transfer learning
12h00 -- 12h15	Adouane N., Gadri S., Tahmi H., Loues B., and Bouafia N.	An efficient CNN model to detect traffic signs for the use of self driving cars
12h15 -- 12h30	Mahnane L., Hafidi M. and Teimzit A.	The impacts of Zoom technologies with flipped classroom on students' academic performance, cognitive load and satisfaction.

**12h30 -- 14h00 Break ( Lunch )**

« POSTER »		
14h00 -- 14h10	Euschi S., Khaldi A. and Kafi R.	A blind frequency based scheme for audio sounds watermarking
14h10 -- 14h20	Nouari A., Benmachiche A. and Mellouk A.	An autonomous navigation approach for a mobile robot based on fuzzy logic.
14h20 -- 14h30	Dida H., Charif F. and Benchabane A.	Multi-modal medical image fusion based in Multiscale Alternative approach to cross bilateral filter.
14h30 -- 14h40	Laib K. and Bouhadada T.	A survey of recommendation systems for companies
14h40 -- 14h50	Saidi K.	An overview of machine learning and deep learning
14h50 -- 15h00	Djelamda I., Bouchareb I. and Lebaroud A.	Automatic Evaluation of Electromagnetic Compatibility in Electric Vehicles.
15h00 -- 15h10	Bouakkaz S.	Optimization of video sensor deployment using genetic algorithms
15h10 -- 15h20	Merdaci A. and Benmachiche A.	A new approach to finding the shortest path of a mobile robot based on artificial neural networks

**SESSION 3**  
(Central Library)Chairs : Dr. AHMIM A. & Dr. BENTRAD S.  
Google Meet : <https://meet.google.com/dit-ouda-igg>

« ORAL »		
10h30 -- 10h45	Azizi A. and Hanini S.	Modelling the Retention of Organic Compounds by Nanofiltration and Reverse Osmosis Membranes Using Neural Networks based on QSAR.
10h45 -- 11h00	Bemoussat C., Diawara M. and Rabahi F.	Selection of a cluster head for a real-time UAV application using artificial intelligence
11h00 -- 11h15	Benrouba F. and Boudour R.	Integrating human parameters in intelligent agents using BDI model of agency.
11h15 -- 11h30	Bentrad S.	AJPAN – Proposal of AspectJ Programming AssistaNt for Learning and Teaching Introductory AOP Programming Concepts
11h30 -- 11h45	Zebar A.	A fuzzy Logic controlled Fault Current Limiter for Power Transmission System Transient Stability Improvement
11h45 -- 12h00	Ferroum A.	A system for management of intelligent containers household waste in a city
12h00 -- 12h15	Boutabia I., Benmachiche A., Makhlof A. and Maatallah M.	Recommendation system based on collaborative filtering in the library of El-Tarf University.
12h15 -- 12h30	Azizi A. and Hanini S.	Modelling the Retention of Organic Compounds by Nanofiltration and Reverse Osmosis Membranes Using Neural Networks based on QSAR.

**12h30 -- 14h00 Break ( Lunch )**

« POSTER »		
14h00 -- 14h10	Mellouk A. and Benmachiche A.	An evolutionary approach to searching the shortest path of a Mobile robot
14h10 -- 14h20	Tahmi H., Gadri S., Loues B., Adouane N. and Bouafia N.	Handwritten Digit Recognition: Developing an Efficient ML and DL Model to Recognize Handwritten Digits
14h20 -- 14h30	Maatallah M., Mekhlouf A. and Bougarne I.	A Graph-based Recommender System of Web Services
14h30 -- 14h40	Mellouk A., Benmachiche A. and Makhlof A.	Analytical study of data mining techniques applied to image processing
14h40 -- 14h50	Gasmi S., Djebbar A. and Merouani HF.	Case-Based Reasoning in Medicine : A survey.
14h50 -- 15h00	Boumahni K., Benmachiche A. and Bouguerne I.	communication in multi-robot systems: A survey
15h00 -- 15h10	Maazouzi F.	Intrusion Detection System based on MDT

**15h30 -- 16h00 Summary and Close of NCAIIT'21**