Program of NCNETI'23

Tuesday, October 3rd 2023	
8 :30 – 9 :00	**Registration**
9 :00 - 9 :30	**Opening Ceremony**

	Plenary Conferences I	
	Presidents : Pr. Seridi Hamid & Pr. Lafifi Yacine	
9 :30 - 10 :15	Conference 1 (Online): **«From Artificial Intelligence towards ChatGPT»** **Pr. Kazar Okba** University United Arab Emirates University, Al Ain, Abu Dhabi, United Arab Emirates	
10 :15 - 11 :00	Conference 2 : **« How will Artificial Intelligence revolutionize E-learning? »** **Dr. Drissi Samia** University of Souk-Ahras	
11 :00 - 11 :10	*Coffee break*	

	Short Communications Session 1	
11:10 - 12:00	*Presential presentations: Hall* *Presidents: Dr. Tadjer Houda & Dr. Boughareb Djalila*	*Virtual presentations: Conference room* *Presidents: Dr. Halimi Khaled &* *Dr. Djakhdjakha Lynda*
11 :10 - 11 :20	**«An intelligent system to support the teaching of algorithms»** Ali Seridi. Yamina Bordjiba, Riad Bourb , and Aya Bouguern. *(Univ of Guelma)* **«Environment training to identify the image»** Abderrahman Mehellou , Benalia M'hamdi, Abderrahman Amari, Talal Giua. *(Univ of Djelfa)*	**« Analyse des mécanismes d'évaluation de la qualité de conception orientée objet ».** Mokhtaria Bouslama. *(Univ of Oran)*
11 :20-11 :30	**«Comparative Study Between Conventional and Metaheuristic MPPT Algorithms for Solar Applications Under Standard Testing Conditions»** Mederbel Ayoub, Khadraoui Mohammed, Sahraoui Kamel, Medles Mourad, Miloua Redouane Nakrela Abdelkader, Atouya Bouzidi. *(Univ of Sidi Bel Abbes)* **«Deep Supervised Hashing with Multiscale Feature Fusion (DSHMFF)».** Adil Redaou, Kamel Belloulata. *(Univ of Sidi Bel Abbes)*	**«Influencers detection in online social networks ».** Halima Baabcha, Meriem Laifa, Samir Akhrouf. *(Univ of Bordj Bou Arreridj)*
11 :30-11 :40	**«USE of e-learning in architectural education field. Case study: students of department of architecture, Guelma's University».** Fatma Zohra Hafsi. *(Univ of Guelma)*	**« L'extraction automatique des entités nommées Spatiotemporelles basée sur les Règles JAPE ».** Atmane HADJI, Rania YACOUB et Nadjla MELGHID. *(Univ of Mila)*

	«Assessment of Learners' Academic Performances using Learning Analytics Techniques». Zohra Mehenaoui, Houda Tadjer, Yacine Lafifi and Rahma Zedadra. (Univ of Guelma)	
	«A concise overview of Bias and Unfairness in ML Models». Djalila Boughareb, Hanna Bordjiba, Hamid Seridi, Nadir Farah. *(Univ of Guelma)*	
11 :40-11 :50	**«Recommendation of Educational Resources based on learners' Learning Styles».** Safia Bendjebar, Lina Djihane Bordjiba, Yacine Lafifi. *(Univ of Guelma)*	**« A Human-based Metaheuristic Algorithm for Large-scale Multi-objective Problems».** Aouadj Wafa, Seghir Rachid. *(Univ of Batna2)*
	«Détection des difficultés d'apprentissage dans un réseau social éducatif » Amina ZEDADRA, Ouarda ZEDADRA, Hind ABIDAT. *(Univ of Guelma)*	
11 :50-12 :00	**«Towards an efficient Multi-Robots Search and Rescue strategy ».** Ouarda ZEDADRA, Amina ZEDADRA, Douaa GHELIS. *(Univ of Guelma)*	**«H-infinity Control of Nonlinear Systems Using Non-Quadratic Lyapunov Functions An LMI approach».** Khalida Mimoune, Mohamed Yacine Hammoudi, Souri Mohamed Mimoune and Zahia Djeblahi. *(Univ of Biskra)*
	An ontology-based questions-answering system to support learners in online learning environments ». Riad Bourbia, Samia Drissi and Yacine Lafifi. *(Univ of Guelma)*	
	«A New Learner Model to Predict 'Slow Learners' Using Machine Learning» Rochdi Boudjehem, Yacine Lafifi *(Univ of Guelma)*	
12 :00-14 :00	**Lunch**	
14:00-15:30	**Oral presentations Session 1 (Presential)** *Presidents: Pr. Kouahla Zineddine & Dr. Drissi Samia*	
14:00-14:15	**«Machine learning techniques for solar irradiance forecasting using different training datasets».** Radouane Nebili, Khaled Khelil, Farid Berrezzek, Lokmene Melalikia. *(Univ of Souk Ahras)*	
14:15-14:30	**«LSTM deep learning model for wind speed forecasting in the region of Adrar».** Melalkia lokmene, Berrezzek Farid, Khaled Khelil, Nebili Radouane. *(Univ of Souk Ahras)*	
14:30-14:45	**«Energy demand prediction using machine learning algorithms for home energy management».** Abderraouf Bouakkaz, Adel Lahsasna, Salim Haddad, Chaima Bensaci *(Univ of Skikda)*	
14:45-15:00	**«Anticipating Student Dropout in MOOCs based on Classification Predictive Model».** Houssam Eddine Aouarib, Fatima Zohra Laallam, Salah Eddine Henouda. *(Univ of Ouargla)*	
15:00-15:15	**«Artificial Group Teaching Optimization Algorithm with Information Sharing for**	

	Li-ion Battery parameters estimation». Walid Merrouche, Badis Lekouaghet, Elouahab Bouguenna. *(Univ of Algiers)*
15:15-15:30	**Large-Step GRU-DQN: A deep Reinforcement Learning Approach for Dynamic Vehicle Control in Intersections** Rais Med Saber , Zouaidia Khouloud , Boudour Rachid , Bougueroua Lamine (Univ of Annaba)
15:30-15:45	*Coffee break*
	Parallel virtual oral presentation sessions
15:45-17:00	*Oral presentations Session 2 (Virtual session): Conference room* *Presidents: Dr. Zedadra Ouarda & Dr. Guerroui Nadia* *Oral presentations Session 3 (Virtual session): e-Learning room* *Presidents: Pr. Nemissi Mohamed & Dr. Boudjehem Rochdi*

Time	Session 2	Session 3
15:45-16:00	**«Enhancing Person Re-Identifcation through Tensor Feature Fusion».** Akram Abderraouf Gharbi, Ammar Chouchane, Mohcene Bessaoud, Abdelmalik Ouamane, El ouanas Belabbaci. *(Univ of Biskra)*	**«Dynamic Threshold-Based Suitability Approach for Energy-Efficient VM Migration in Cloud Environments».** Younes Khair. *(Univ of Bechar)*
16:00-16:15	**«A Powerfull Face Preprocessing For Robust Kinship Verification based Tensor Analyses».** Ammar chouchane, Mohcene Bessaoudi; *(Univ of Biskra)*	**«Balanced exploration and exploitation properties of multi-objective Arithmetic Optimization Algorithm».** Farid Boumaza, Djaafar Zouache, Abou Elhassan Benyamina. *(Univ of Oran)*
16:15-16:30	**«Ear recognition system based on multi-scale feature extraction technique».** Lebed toufik, Boukharouba abdelhak. *(Univ of Guelma)*	**«Fine-tuning CNNs for automated diagnosis of pneumonia from Chest X-rays»** Hayet Benbrahim1 , Ali Behloul (Univ Batna 2)
16:30-16:45	**«Multimodal 3D MRI Segmentation using dResU-Net for the detection of Brain Tumor».** Messaoud Hameurlaine. *(Univ of Tissemsilt)*	**« A hybrid genetic algorithm-interiorpoint method for optimal sliding mode with MRAS speed estimation of double stator induction motor».** Azeddine Beghdadi, Othmane Boughazi, Abdelouahed Touhami, Zeynab Cherki. *(Univ of Bechar)*
16:45-17:00	**«Face Recognition Based On Transfer Learning : A Comparative Study».** Randa Nachet, Tarik Boudghene Stambouli. *(Univ of Oran)*	**«Using Edge Computing for Improving Healthcare in Smart Cities.».** Laid Kenioua, Kamel Maaloul and Lejdel Brahim. *(Univ of El-Oued)*

The 1 ST National Conference on New Educational Technologies and Informatics
NCNETI'23 (Guelma, Algeria, October 3-4, 2023)

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Wednesday, October 4th 2023

8 :30-9 :00	Registration

Plenary Conference II
Presidents: Pr. Kouahla Mohamed Nadjib & Pr. Farou Brahim

9 :00-10 :00	Conference 3 (Online) « Connected Autonomous Systems: Opportunities and Challenges » **Dr. Djahel Soufiene** University of Huddersfield, UK

Oral presentations Session 4 (Presential)
Presidents : Dr. Boussaha Karima & Dr. Mehenoaui Zohra

10 :00-11 :00	
10 :00-10 :15	**«Formation automatique de groupes d'apprenants par une méthode de classification multi-label».** Noureddine GOUASMI, Lamia MAHNANE, Yacine LAFIFI, Randa BOUNEMRA. *(Univ of Guelma)*
10:15-10 :30	**«Arabic speech Augmentation for mispronunciation detection».** Meriem LOUNIS, Billel DENDANI, Halima Bahi. *(Univ of Annaba).*
10 :30-10 :45	**«A Gamification-based approach to improve the learners' engagement in online learning environments».** Souhila Zerdoudi, Houda Tadjer and Yacine Lafifi. *(Univ of Guelma)*
10 :45-11 :00	**«Adaptive grouping of learners in a CSCL environment».** *Mourad Hadjeris, Toufik Sari, Yacine Lafifi. (Univ of Annaba)*
11 :00-11 :10	*Coffee break*

Short Communications Session 2

11 :10-11 :50	**Presential presentations: Hall Presidents: Dr. Seridi Ali & Dr. Benhamza Karima**	**Virtual presentations: Conference room Presidents: Dr. Bencheriet Chemsennehar & Dr. Bendjebar Safia**
11:10-11:20	**«Le suivi des annotations des apprenants dans les MOOC».** Asma Boudria, Yacine Lafifi, A. Amine Samsar, Ghania Amrani *(Univ of Guelma)*	**«Optimization of 3D Design Processes with ChatGPT Technology».** Rachad Moumni, Idriss Benlaloui, Nadir Benalia1, Laroussi Kouider. *(Univ of Djelfa)*
	«Density-Based Overlapping Community Detection». Wafa Louafi, Faiza Titouna. *(Univ of Batna 2)*	
11 :20-11:30	**«Using CNN and the probabilistic diffusion model for image superresolution».** Nadia Guerroui, Hind Boubidi, Hamid Séridi. *(Univ of Guelma)*	**«Commande Synergétique Terminale d'un Système Photovolaïque».** Khalissa Behih, Nadjat Zerroug, Ziyad Bouchama. *(Univ of Setif)*
	«From recognition to generation : facial expression transfer with StyleGan2». Yamina Bordjiba, Nabiha Azizi, Ali Séridi, MerouaniHayat Farida , Youcef Anis Dahlouk (Univ of Guelma)	
11 :30-11 :40	**«Towards an Approach for**	**«Commande MPPT Optimale d'un**

	Improving Behavioral Engagement». Houda Tadjer, Zohra Mehenaoui, Yacine Lafifi and Inès Gasmi. *(Univ of Guelma)*	**Système Solaire Photovoltaïque».** Nadjat Zerroug, Khalissa Behih, Ziyad Bouchama. *(Univ of Setif)*
	«Privacy-preserving blockchain-based federated learning for for Arrhythmia detection». Selma Aouamria, Djalila Boughareb, Mohammed Nemissi and Hamid Seridi. *(Univ of Guelma)*	
11:40-11:50	**«PREGO: Plateforme d'apprentissage collaborative favorisant le regroupement optimisé des apprenants ».** Mourad Hadjeris, Toufik Sari, Yacine Lafifi, Abdeldjalil Rouaissia. *(Univ of Annaba)*	**«Study the influence of the choice of the Similarity Measures in the Recommendation System».** Djelloul Bettache, Nassim Dennouni. *(Univ of Chlef)*
	«Transforming Urban Living: The Impact of IT in Smart Cities - A Case Study Analysis» Fareh Fouzia (Univ of Guelma)	
	«Big Data: The Future of Analytics» Fareh Fouzia (Univ of Guelma)	

	Parallel virtual oral presentations sessions	
11:50-12:35	*Oral presentations Session 5 (Virtual): Conference room* *Presidents: Dr. Khebizi Ali & Dr. Benamira Adel*	*Oral presentations Session 6 (Virtual): e-Learning room* *Presidents: Dr. Benhamida nadjette & Dr. Zedadra Amina*
11:50-12:05	**«Enhancing The Performance of A Hybrid OCDMA/OFDM Optical System Incorporating A New Spectral Coding Block Via FSO Channel».** Mohamed Rahmani, Abdelhamid Cherifi, Ghoutia Naima Sabri. *(Univ of Bechar)*	**«Customised learning: Techniques and standards for adaptive e-learning».** Fateh Benkhalfallah, Mohamed Ridda Laouar. *(Univ of Tebessa)*
12:05-12:20	**« Towards A Greener Future: The Power of Renewables in Intelligent Energy Management».** Mohamed Salah Benkhalfallah, Sofia Kouah. *(Univ of Oum El Bouaghi)*	**«Détection Automatique Des Sentiments Dans Les Réseaux Sociaux à base de Gazetteer et les règles JAPE(Ligue des champions UEFA) ».** Atmane Hadji, Ibrahim Bendaoud et Amine Boundja. *(Univ of Mila)*
12:20-12:35	**«Stereo SALM of mobile robot».** Zoulikha Bouhamatou. *(Univ of Batna2)*	**«A new metaheuristic for multimedia transmission over internet of things environments».** Naziha AliSaoucha. *(Univ of Algiers)*

12:35	**Closing ceremony**
12:45-14:30	**Lunch**