

Liste des productions scientifiques (publications, communications, ...)  
Année 2023

Etablissement Universitaire: Université 8 Mai 1945 de Guelma  
Faculté: Mathématiques, Informatique et Sciences de la Matière

Laboratoire des Sciences et Technologies de l'Information et de la Communication (LabSTIC)

<i>Productions Scientifiques 2023</i>								
<i>Publications</i>								
	<i>Titre</i>	<i>Auteurs</i>	<i>Revue</i>	<i>Année</i>	<i>Catégorie de la revue: A+ , A , B-Scopus, B-non Scopus, non classée</i>	<i>Volume</i>	<i>Page</i>	<i>URL</i>
<i>Publications nationales</i>	Hybrid Analytic Method for Missing Data Imputation in Medical Big Data	K BENHAMZA,  N BENHAMIDA,  MI BOURAHDOUN,  B BOUDJAHM	International Journal of Informatics and Applied Mathematics	2023	non classée	5 (2)	1,11	<a href="https://dergipark.org.tr/en/pub/ijiam/issue/75431/1118198">https://dergipark.org.tr/en/pub/ijiam/issue/75431/1118198</a>

Publications internationales	A new approach for assessing the quality of online courses	Boudjehem, R., Mehenaoui, Z., Lafifi, Y., Abda, Y.,	Education and Information Technologies	2023	A	/	1-28	/
	A hybrid modified cuckoo search algorithm for the uncapacitated examination timetabling	Cheraitia Meryem Rewayda Razaq Abo Alsabeh	International Journal Of Mathematics In Operational Research	2023	B-non Scopus			<a href="https://doi.org/10.1504/IJMOR.2023.10055140">https://doi.org/10.1504/IJMOR.2023.10055140</a>
	A comprehensive Framework-based Reconfigurable Object Nets for managing Dynamic Protocols Evolution	Radja Hamli, Ali Khebizi, Allaoua Chaoui, Raida Elmansouri,	International Journal of Collective Intelligence, Volume 13, Issue 1	2023	B	V:13 - Issue 1	1--33	<a href="https://dblp.org/rec/journals/ijoci/HamliCEK23.bib">https://dblp.org/rec/journals/ijoci/HamliCEK23.bib</a>
	Integration of Business Process Data using advanced ETL Tools	Hadreris Mourad, Khebizi Ali,	International journal Of informatics and Applied Mathematics	2023	Non	V: 5 Issue: 2	40-68	<a href="https://dergipark.org.tr/en/pub/ijiam/issue/75431/1213911">https://dergipark.org.tr/en/pub/ijiam/issue/75431/1213911</a>
	Emorec: a new approach for detecting and improving the emotional state of learners in an e-learning environment	MN Kouahla, A Boughida, Z Mehenaoui, I Chebata, Y Lafifi	Interactive Learning Environments	2023	A	31	6223-6241	<a href="https://www.tandfonline.com/doi/abs/10.1080/10494820.2022.2029494">https://www.tandfonline.com/doi/abs/10.1080/10494820.2022.2029494</a>

Publications internationales	At the Confluence of Artificial Intelligence and Edge Computing in IoT-Based Applications: A Review and New Perspectives	A Bourechak, H Seridi, A Guerrieri, O Zedadra, MN Kouahla, G Fortino	Sensors	2023	A	23		<a href="https://www.mdpi.com/1424-8220/23/3/1639">https://www.mdpi.com/1424-8220/23/3/1639</a>
	COVID-19 Patients' Health Monitoring System using Fuzzy Ontology and Internet of Things	Abdelhalim Hadjadj, Khaled Halimi	Iraqi Journal For Computer Science and Mathematics	2023	B	4		<a href="https://journal.esj.edu.iq/index.php/IJCM/article/view/492">https://journal.esj.edu.iq/index.php/IJCM/article/view/492</a>
	Recommendation of Pedagogical Resources Based on Learners' Profiles	Nour El Islem DJEBARNIA Zohra MEHENAOUÏ Safia BENDJEBAR Yacine LAFIFI	International Journal of Informatics and Applied Mathematics	2023	C	6	1 - 10	<a href="https://dergipark.org.tr/en/pub/ijiam/issue/77845/1213949">https://dergipark.org.tr/en/pub/ijiam/issue/77845/1213949</a>
	Study of Learner's Engagement in Online Learning Environments	Zerdoudi Souhila, Lafifi Yacine, Tadjer Houda,	International Journal of Informatics and Applied Mathematics	2023	C	Vol. 6, No. 1, 11-28	18	<a href="https://doi.org/10.53508/ijiam.1213321">https://doi.org/10.53508/ijiam.1213321</a>
	Android Malware Detection Based on Network Analysis and Federated Learning	D Hamouda, H Seridi, MA Ferrag, ZE Kouahla, N Benhamida,	Cyber Malware: Offensive and Defensive Systems	2023	A			<a href="https://doi.org/10.1007/978-3-031-34969-0_2">https://doi.org/10.1007/978-3-031-34969-0_2</a>

Publications internationales	PPSS: A privacy-preserving secure framework using blockchain-enabled federated deep learning for industrial IoTs	H Seridi N Benhamida, D Hamouda, MA Ferrag,	Pervasive and Mobile Computing	2023	A	88	101738	<a href="https://doi.org/10.1016/j.pmcj.2022.10.1738">https://doi.org/10.1016/j.pmcj.2022.10.1738</a>
	A novel drone recovery system in IoT environment	N Benhamida, Z Mabrek, Z Kouahla, B Farou, H Seridi	International Journal of Sensor Networks	2023	A	42 (1),	52-66	<a href="https://doi.org/10.1504/IJSNET.2023.131250">https://doi.org/10.1504/IJSNET.2023.131250</a>
	A random deep neural system for heartbeat classification.	Siouda, R., Nemissi, M., Seridi, H	Evolving Systems	2023	A	14 (1)	37-48.	<a href="https://link.springer.com/article/10.1007/s12530-022-09429-1">https://link.springer.com/article/10.1007/s12530-022-09429-1</a>
	Towards a semantic structure for classifying IoT agriculture sensor datasets : An approach based on machine learning and web semantic technologies	Djakhdjakha Lynda, Cissé Hamadoun, Seridi Hamid, Farou Brahim,	Journal of King Saud University - Computer and Information Sciences	2023	A		35	<a href="https://www.science-direct.com/science/article/pii/S1319157823002549?dgcid=rs_s_sd_all">https://www.science-direct.com/science/article/pii/S1319157823002549?dgcid=rs_s_sd_all</a>

**Productions Scientifiques 2023**

**Communications**

	<b>Titre</b>	<b>Auteurs</b>	<b>Intitulé de manifestation</b>	<b>Année</b>	<b>Proceeding de la conférence indexé dans Scopus ( oui /non )</b>	<b>Volume</b>	<b>Page</b>	<b>URL</b>
<b>Communications nationales</b>	From recognition to generation: facial expression transfer with StyleGan2	Nabiha Azizi, Yamina Bordjiba, Ali Seridi, Youcef Anis Dahlouk Merouani Hayat Farida	The 1ST National Conference on New Educational Technologies and Informatics, NcNeti'23	2023				
	An intelligent system to support the teaching of algorithms	Ali Seridi. Yamina Bordjiba, Riad Bourbia, Aya Bouguern.	The 1ST National Conference on New Educational Technologies and Informatics, NcNeti'23	2023				
	Towards an efficient Multi-Robots Search and Rescue strategy	Ouarda Zedadra, Amina Zedadra, Douaa Ghelis	NCNETI 2023	2023				
	Détection des difficultés d'apprentissage dans un réseau social éducatif	Ouarda Zedadra, Amina Zedadra, Hind Abidat	NCNETI 2023	2023				

Communications nationales	Recommendation of Educational Resources based on learners' Learning Styles	Safia Bendjebar, Lina Djihane Bordjiba Yacine Lafifi	the 1ST National Conference on New Educational Technologies and Informatics, NCNETI'23	2023	Non			<a href="https://labstic.univ-guelma.dz/sites/labstic.univ-guelma.dz/files/NCNETI23%20Proceedings%20Final%20%20.pdf">https://labstic.univ-guelma.dz/sites/labstic.univ-guelma.dz/files/NCNETI23%20Proceedings%20Final%20%20.pdf</a>
	A Gamification-based approach to improve the learners' engagement in online learning environments	Zerdoudi Souhila, Tadjer Houda, Lafifi Yacine	The First National Conference on New Educational Technologies and Informatics	2023			7	
	An ontology-based questions-answering system to support learners in online learning environments	Riad Bourbia, Samia Drissi, Yacine Lafifi.	The 1st National Conference on New Educational Technologies and Informatics. Guelma, Algérie.	3-4 octobre 2023				
	An intelligent system to support the teaching of algorithms	Riad Bourbia, Yamina Bordjiba, Aya Bouguern, Ali Seridi.	The 1st National Conference on New Educational Technologies and Informatics. Guelma, Algérie.	3-4 oct 2023				

Communications nationales	Using CNN and the probabilistic diffusion model for image super-resolution	N.Guerroui, H. Boubidi, H.Seridi	The 1ST National Conference on New Educational Technologies and Informatics NCNETI2023, 3-4 October, 2023, Guelma, Algeria.	2023	Non	1	241	<a href="https://ncneti23.github.io/">https://ncneti23.github.io/</a>
	Privacy-preserving blockchain-based federated learning for Arrhythmia detection	Djalila Boughareb, Mohammed Nemissi, Selma Aouamria, Hamid Seridi	The 1ST National Conference on New Educational Technologies and Informatics NCNETI2023, 3-4 October, 2023, Guelma, Algeria.	2023				
	An intelligent system to support the teaching of algorithms	Yamina Bordjiba, Riad Bourbia, Aya Bouguern. Ali Seridi.	The 1ST National Conference on New Educational Technologies and Informatics, NcNeti'23	2023	non			
	From recognition to generation: facial expression transfer with StyleGan2	Yamina Bordjiba, Ali Seridi, Nabiha Azizi, Youcef Anis Dahlouk, Merouani Hayat Farida,	The 1ST National Conference on New Educational Technologies and Informatics, NcNeti'23	2023	non			

Communications nationales	A Modular Ontology For Smart Campus	Djakhdjakha Lynda, Cissé Hamadoun, Farou Brahim,	RIF'23 : The 12th Seminary of Computer Science Research at Feminine, March 09, 2023, Constantine, Algeria	2023				
	Electronic Prescription and patients' attitudes improvements.	Aicha AGGOUNE, Oussama Mrabet, Salim Boulmokh	The 2nd National Conference on Electrical Engineering and its Applications (NCEEA'02)	2023	Non			
	IoT Health Telemonitoring Application for Cardiovascular Patients	Aicha Aggoune, Loubna Seddiki, Ahmed Rami Bouguettoucha	12th EDITION OF THE COMPUTER SCIENCE RESEARCH AT FEMININE SEMINARY		DBLP et CEUR Ws			<a href="https://ceur-ws.org/Vol-3616/paper4.pdf">https://ceur-ws.org/Vol-3616/paper4.pdf</a>



Communications internationales

STRAWBERRY PLANT PROPAGATION ALGORITHM FOR UNIVERSITY COURSE TIMETABLING PROBLEM	MERYEM CHERAITIA	The second international workshop on applied mathematics	2023				
The Squash Behavior Graph Routing between the Business Process Event Capsules	Halimi Khaled, Afifi Chaima, Khebizi Ali,	ICCCNT	2023	Oui		1--9	
Extracting and Exploiting the Behavior Business Process Graph Through Centric-Business Process Data	Halimi Khaled, Afifi Chaima, Khebizi Ali,	ICAIA	2023	Oui		1--6	
Handling Missing Data in hospital Datasets using Deep Learning Approach	Bouressace Kawkeb Khebiai ali	IAM'23	2023	Non			
An Evolved Approach for Business Processes Integration and Cooperation	Afifi Chaima, Khebizi Ali	IAM'23	2023	Non			
Smart Grid Data: Unraveling Insights from Processing to Applications	Farou Brahim, Seridi Hamid, Kouahla Zineddine, Brahmia Abdelbacet, Benrazek Ala-Eddine	The 6th International Hybrid Conference on Informatics and Applied Mathematics IAM' 23	2023				

<p>A Machine Learning-Based Recommender System for Personalized Restaurant Recommendations</p>	<p>Maroua Chemlal, Amina Zedadra, Ouarda Zedadra, Med Nadjib kouahla,</p>	<p>6th International Hybrid Conference on Informatics and Applied Mathematics IAM'23</p>	<p>2023</p>				
<p>A data analysis and processing approach for a POI recommendation system</p>	<p>Adil BOUGHIDA, Akram BOUGHAZI, Med Nadjib KOUAHLA,</p>	<p>20th ACS/IEEE International Conference on Computer Systems and Applications (AICCSA 2023)</p>	<p>2023</p>				
<p>Automatic Trace Interpretation: Improving Learner Behaviors in an Adaptive Social Network</p>	<p>Sirine BOUGUETTAYA, Amina ZEDADRA, Ouarda ZEDADRA</p>	<p>IAM 2023</p>	<p>2023</p>				
<p>Extracting and Exploiting the Behavior Business Process Graph through Transition-Centric Event-Log data</p>	<p>KHEBIZI Ali, AFIFI Chaima, HALIMI Khaled</p>	<p>Conference: 2023 International Conference on Artificial Intelligence and Applications (ICAIA) Alliance Technology Conference (ATCON-1)At: Bangalore, India</p>	<p>2023</p>	<p>IEEE Xplore</p>		<p>1-&gt;6</p>	<p><a href="https://doi.org/10.1109/ICAIA57370.2023.10169793">10.1109/ICAIA57370.2023.10169793</a></p>
<p>The Squash Behavior Graph Routing between the Business Process Event Capsules</p>	<p>AFIFI Chaima, KHEBIZI Ali, HALIMI Khaled</p>	<p>15th ICCCNT IEEE ConferenceAt: IIT-Delhi, Delhi, India</p>	<p>2023</p>	<p>IEEE Xplore Scopus</p>		<p>1-&gt;9</p>	<p><a href="https://doi.org/10.1109/ICCN256998.2023.10307176">10.1109/ICCN256998.2023.10307176</a></p>

Communications internationales	Extracting and Exploiting the Behavior Business Process Graph through Transition-Centric Event-Log data	AFIFI Chaima, KHEBIZI Ali, HALIMI Khaled	International Conference on Artificial Intelligence and Applications (ICAIA) Alliance Technology Conference (ATCON-1)	2023	oui		01-06	<a href="https://ieeexplore.ieee.org/document/10169793">https://ieeexplore.ieee.org/document/10169793</a>
	The Squash Behavior Graph Routing between the Business Process Event Capsules	AFIFI Chaima, KHEBIZI Ali, HALIMI Khaled	14th International Conference on Computing Communication and Networking Technologies (ICCCNT)	2023	oui		01-09	<a href="https://ieeexplore.ieee.org/document/10307176">https://ieeexplore.ieee.org/document/10307176</a>
	How to use sentiment analysis to automatically detect the learners' conflicts in online learning environments?	Safia Bendjebar, Yacine Lafifi, Sevinc Gulsecen	The 6th International Hybrid Conference on Informatics and Applied Mathematics IAM23	2023	non		19	<a href="https://drive.google.com/file/d/1uM8Fx79toVUD4oJZs8eG4CsCyCYNPZUz/view?usp=sharing">https://drive.google.com/file/d/1uM8Fx79toVUD4oJZs8eG4CsCyCYNPZUz/view?usp=sharing</a>
	Project assignment based on the analysis of emotional and social relationships between learners in an educational social network	Safia Bendjebar, Sirine Touahri, Yacine Lafifi, Lina Yassamine Laraissia	The ICTAACS'23 International Conference on Theoretical and Applicative Aspects of Computer Science	2023	non			<a href="http://fs.univ-skikda.dz/informatique/ICTAACS2023/">http://fs.univ-skikda.dz/informatique/ICTAACS2023/</a>

Communications internationales

<p>An Artificial Intelligence-Based System for Detecting Diseases in Apple Tree Branches</p>	<p>Imane Bouacida, Brahim Farou, Hamid Seridi, Mohamed anis Touahri</p>	<p>The first International Conference on Electrical Engineering and Advanced Technologies, ICEEAT23, BATNA, Algeria</p>	<p>2023</p>				
<p>Advancements in Sustainable Agriculture: An Overview of Pest Detection Using Deep Learning</p>	<p>Brahim Farou, Bouacida Imane, Lynda Djakhdjakha</p>	<p>The 6th International Hybrid Conference on Informatics and Applied Mathematics iam'23, Guelma, Algeria</p>	<p>2023</p>				
<p>An Intelligent System For Predicting Learner Dropout In An E-Learning Platform</p>	<p>Ali Seridi, Riad Bourbia, Yamina Bordjiba,</p>	<p>3rd International Conference on Engineering and Applied Natural Sciences (ICEANS 2023), Konya - Turkey</p>	<p>2023</p>				
<p>Inter-Frame Alignment with a Hybrid Descriptor and Dimensionality Reduction: A Comprehensive Overview</p>	<p>N.Guerroui, H.Seridi, B.farrou, Z.Kouahla,</p>	<p>The 6th International Hybrid Conference on Informatics and Applied Mathematics, IAM'23, 6-7 December, 2023, Guelma, Algeria</p>	<p>2023</p>	<p>OUI</p>			<p><a href="https://events.univ-guelma.dz/iam2023/index.html">https://events.univ-guelma.dz/iam2023/index.html</a></p>

Communications internationales

An intelligent support system for online learners in difficulty	Yamina Bordjiba Ali Seridi, Riad Bourbia	4th International Computational Science And Engineering Conference, ICSEC23	2023	non			
Data augmentation effect on facial expression recognition using deep learning models	Yamina Bordjiba, Nabiha Azizi, Ali Séridi, Saber Mehammedia, Hayat Farida Merouani,	4th International Computational Science And Engineering Conference, ICSEC23	2023	non			
A Conceptual Architecture Design for integrating Blockchain technology in A Semantic Precision Agriculture ERP (SPA-ERP)	Djakhdjakha Lynda  Farou Brahim	International CONFERENCE ON APPLIED SCIENCE, ENGINEERING AND TECHNOLOGY (ICASET - 23) 20th -21st December 2023   Istanbul, Turkey	2023				
Food Supply Chain Management in the Era of Industry 4.0	Yehya Bouchbout, Brahim Farou, Hamid Seridi, Ala-Eddine Benrazek,	The 6th International Hybrid Conference on Informatics and Applied Mathematics IAM' 23	2023				

Communications internationales	Smart Telecardiology System Using IoT Environment and Deep Learning	Ahmed Rami Bouguettoucha, Loubna Seddiki, Aicha AGGOUNE,	The First International Conference on Advances in Electrical and Computer Engineering (ICAECE'2023)	2023	IEEE			<a href="https://icaece2022.sciencesconf.org/resource/page/id/11">https://icaece2022.sciencesconf.org/resource/page/id/11</a>
	ECG Data Visualization: Combining the power of Grafana and InfluxDB	Aicha AGGOUNE, Zineb BENRATEM	The International Conference on Advances in Electronics, Control and Communication Systems	2023	IEEE		6	<a href="https://ieeexplore.ieee.org/document/10104857">https://ieeexplore.ieee.org/document/10104857</a>
	Mobile Application for Prescription Management	Aicha AGGOUNE, Oussama Mrabet, Salim Boulmokh	The 6th international hybrid conference on informatics and applied mathematics IAM'23	2023	Non			