

**Liste des productions scientifiques**  
**(publication, communication,....)**  
**Année 2019**

**Faculté Mathématique et Informatique et structure de la matière**  
**Laboratoire :Laboratoire des Sciences et Technologie de l'information et de la Communication**  
**Domaine de recherche: Informatique**

<b>Publications Internationales</b>								
<b>Titre</b>	<b>Auteurs</b>	<b>Revue</b>	<b>Catégorie de la revue</b> • A+, A B- Scopus, B-non Scopus, non classée	<b>Année</b>	<b>Micro domaine</b>	<b>Volume</b>	<b>Page</b>	<b>URL</b>
XM-tree: data driven computational model by using metric extended nodes with non-overlapping in high-dimensional metric spaces	Zineddine Kouahla, Adeel Anjum, Sheeraz Akram, Tanzila Saba, José Martinez	Theory Journal of Computational and Mathematical Organization	A	2019	Informatique et Intelligence artificielle	25	196–223	<a href="https://link.springer.com/article/10.1007/s10588-018-9272-x">https://link.springer.com/article/10.1007/s10588-018-9272-x</a>
Cooperative processing based on posture change detection and trajectory estimation for unknown multi-object tracking	HE Rouabhia, B Farou, ZE Kouahla, H Seridi, H Akdag	International Journal of Systems Science	A	2019	Informatique et Intelligence artificielle	50 (13)	2539-2551	<a href="https://www.tandfonline.com/doi/abs/10.1080/00207721.2019.1671534">https://www.tandfonline.com/doi/abs/10.1080/00207721.2019.1671534</a>

Canny edge detector improvement using an intelligent ants routing	K Benhamza, H Seridi	Evolving Systems,	<b>A</b>	2019	Informatique et Intelligence artificielle		1-10	<a href="https://link.springer.com/article/10.1007/s12530-019-09299-0">https://link.springer.com/article/10.1007/s12530-019-09299-0</a>
Ascending hierarchical classification for camera clustering based on FoV overlaps for WMSN	AE Benrazek, B Farou, H Seridi, Z Kouahla, M Kurulay	IET Wireless Sensor Systems	<b>B</b>	2019	Informatique et Intelligence artificielle	9 (6)	382-388	<a href="https://ieeexplore.ieee.org/abstract/document/8916813/">https://ieeexplore.ieee.org/abstract/document/8916813/</a>
Subtractive Clustering and Particle Swarm Optimization Based Fuzzy Classifier	H Salah, M Nemissi, H Seridi, H Akdag	International Journal of Fuzzy System Applications (IJFSA)	<b>A</b>	2019	Informatique et Intelligence artificielle	8 (3)	108-122	<a href="https://www.igi-global.com/article/subtractive-clustering-and-particle-swarm-optimization-based-fuzzy-classifier/233589">https://www.igi-global.com/article/subtractive-clustering-and-particle-swarm-optimization-based-fuzzy-classifier/233589</a>
Improvement on image edge detection using a novel variant of the ant colony system	K Benhamza, H Seridi	Journal of Circuits, Systems and Computers	<b>A</b>	2019	Informatique et Intelligence artificielle	28 (05)	19500-80	<a href="https://www.worldscientific.com/doi/10.1142/S0218126619500804">https://www.worldscientific.com/doi/10.1142/S0218126619500804</a>
Using Resources Competition and Memory Cell Development to Select the Best GMM for Background Subtraction	W Nebili, B Farou, H Seridi	International Journal of Strategic Information Technology and Applications ...	<b>B</b>	2019	Informatique et Intelligence artificielle			<a href="https://www.igi-global.com/article/using-resources-competition-and-memory-cell-development-to-select-the-best-gmm-for-background-subtraction/241866">https://www.igi-global.com/article/using-resources-competition-and-memory-cell-development-to-select-the-best-gmm-for-background-subtraction/241866</a>
Swarm intelligence and iot-based smart cities: A review	O Zedadra, A Guerrieri, N Jouandeau, G Spezzano, H Seridi, G Fortino	The Internet of Things for Smart Urban Ecosystems,	<b>A</b>	2019	Informatique et Intelligence artificielle		177-200	<a href="https://www.springerprofessional.de/en/swarm-intelligence-and-iot-based-smart-cities-a-review/16026868">https://www.springerprofessional.de/en/swarm-intelligence-and-iot-based-smart-cities-a-review/16026868</a>

DeliveryCoin: An IDS and Blockchain-Based Delivery Framework for Drone-Delivered Services	MA Ferrag, L Maglaras	Computers	<b>A</b>	2019	Informatique et Intelligence artificielle	8 (3)	58	<a href="https://www.mdpi.com/2073-431X/8/3/58">https://www.mdpi.com/2073-431X/8/3/58</a>
DeepCoin: A Novel Deep Learning and Blockchain-Based Energy Exchange Framework for Smart Grids	MA Ferrag, L Maglaras	IEEE Transactions on Engineering Management,	<b>A</b>	2019	Informatique et Intelligence artificielle		1-13	<a href="https://ieeexplore.ieee.org/document/8758147">https://ieeexplore.ieee.org/document/8758147</a>
Authentication and Authorization for Mobile IoT Devices using Bio-features: Recent Advances and Future Trends	MA Ferrag, L Maglaras, A Derhab	Security and Communication Networks	<b>A</b>	2019	Informatique et Intelligence artificielle			<a href="https://www.hindawi.com/journals/scn/2019/5452870/">https://www.hindawi.com/journals/scn/2019/5452870/</a>
Teaching the process of building an Intrusion Detection System using data from a small-scale SCADA testbed	L Maglaras, T Cruz, MA Ferrag, H Janicke	Internet Technology Letters, e132	<b>A</b>	2019	Informatique et Intelligence artificielle			<a href="https://onlinelibrary.wiley.com/doi/abs/10.1002/itl2.132">https://onlinelibrary.wiley.com/doi/abs/10.1002/itl2.132</a>
Blockchain and random subspace learning-based IDS for SDN-enabled industrial IoT security	A Derhab, M Guerroumi, A Gumaei, L Maglaras, MA Ferrag, M Mukherjee, ...	Sensors	<b>A</b>	2019	Informatique et Intelligence artificielle	19 (14)	3119	<a href="https://www.ncbi.nlm.nih.gov/pmc/articles/PMC6679272/">https://www.ncbi.nlm.nih.gov/pmc/articles/PMC6679272/</a>
Cyber security: From regulations and policies to practice	L Maglaras, MA Ferrag, A Derhab, M Mukherjee, H Janicke	Strategic innovative marketing and tourism,	<b>A</b>	2019	Informatique et Intelligence artificielle		763-770	<a href="https://link.springer.com/chapter/10.1007/978-3-030-12453-3_88">https://link.springer.com/chapter/10.1007/978-3-030-12453-3_88</a>
Blockchain and its role in the internet of things	MA Ferrag, L Maglaras, H Janicke	Strategic Innovative Marketing and Tourism,	<b>A</b>	2019	Informatique et Intelligence artificielle		1029-1038	<a href="https://link.springer.com/chapter/10.1007/978-3-030-12453-3_119">https://link.springer.com/chapter/10.1007/978-3-030-12453-3_119</a>
Blockchain technologies for the internet of things: Research issues	MA Ferrag, M Derdour, M	IEEE Internet of Things Journal	<b>A</b>	2019	Informatique et Intelligence	6 (2)	2188 - 2204	<a href="https://ieeexplore.ieee.org/document/8543246">https://ieeexplore.ieee.org/document/8543246</a>

and challenges	Mukherjee, A Derhab, L Maglaras, H Janicke				artificielle Informatique et Intelligence artificielle			
A Web3.0-based Intelligent Learning System Supporting Education in the 21st Century	K Halimi, H Seridi-Bouchelagh em	The Journal of Universal Computer Science	<b>A</b>	2019	Informatique et Intelligence artificielle	25 (10)	1373-1393	<a href="http://www.jucs.org/jucs_25_10/a_web3.0_based_intelligent/jucs_25_10_1373_1393_halimi.pdf">http://www.jucs.org/jucs_25_10/a_web3.0_based_intelligent/jucs_25_10_1373_1393_halimi.pdf</a>
Social Semantic Web-Based Analytics Approach to Support Lifelong Learning	K Halimi, H Seridi-Bouchelagh em	International Journal of Educational and Pedagogical Sciences	<b>A</b>	2019	Informatique et Intelligence artificielle	13 (5)	635-641	<a href="https://www.semanticscholar.org/paper/Social-Semantic-Web-Based-Analytics-Approach-to-Halimi-Seridi-Bouchelaghem/35fc87f87a4a956bcc3e23c23ff0ba906c16cd92?p2df">https://www.semanticscholar.org/paper/Social-Semantic-Web-Based-Analytics-Approach-to-Halimi-Seridi-Bouchelaghem/35fc87f87a4a956bcc3e23c23ff0ba906c16cd92?p2df</a>
Modernization of e-learning platforms towards a service-oriented architecture.	A Seridi, L Dib, R Bourbia	Journal of Electrical Systems	<b>B</b>	2019	Informatique et Intelligence artificielle	15 (1)	123-132	<a href="http://search.proquest.com/openview/a73e9380a17481ee6dade23316ddc7e5/1?pq-origsite=gscholar&amp;cbl=4433095">http://search.proquest.com/openview/a73e9380a17481ee6dade23316ddc7e5/1?pq-origsite=gscholar&amp;cbl=4433095</a>
Subtractive Clustering and Particle Swarm Optimization Based Fuzzy Classifier	H Salah, M Nemissi, H Seridi, H Akdag	International Journal of Fuzzy System Applications (IJFSA)	<b>B</b>	2019	Informatique et Intelligence artificielle	8 (3)	108-122	<a href="https://www.igi-global.com/article/subtractive-clustering-and-particle-swarm-optimization-based-fuzzy-classifier/233589">https://www.igi-global.com/article/subtractive-clustering-and-particle-swarm-optimization-based-fuzzy-classifier/233589</a>
Variable-fixing then subgradient optimization guided very large scale neighborhood search for the generalized assignment problem	S Haddadi	4OR	<b>A</b>	2019	<i>Informatique : théorie et méthodes</i>	17 (3)	261-295	<a href="https://link.springer.com/article/10.1007/s10288-018-0389-z">https://link.springer.com/article/10.1007/s10288-018-0389-z</a>
Three-phase method for Nurse Rostering	S Haddadi	International Journal of Management Science and Engineering Management	<b>A</b>	2019	<i>Informatique : théorie et méthodes</i>		193-205	<a href="https://www.tandfonline.com/doi/abs/10.1080/17509653.2018.1534619">https://www.tandfonline.com/doi/abs/10.1080/17509653.2018.1534619</a>



## Communications Internationales

<i>Titre</i>	<i>Auteurs</i>	<i>Intitulé de manifestation</i>	<i>• Proceeding de la conférence indexé dans Scopus (oui /non)</i>	<i>Micro domaine</i>	<i>Année</i>	<i>Volume</i>	<i>Page</i>	<i>URL</i>
A Lévy Walk and Firefly Based Multi-Robots Foraging Algorithm	O Zedadra, A Guerrieri, H Seridi, G Fortino	International Conference on Internet and Distributed Computing Systems,	Proceeding de la conférence indexé dans Scopus	Informatique et Intelligence artificielle	2019		213-222	<a href="https://link.springer.com/chapter/10.1007/978-3-030-34914-1_21">https://link.springer.com/chapter/10.1007/978-3-030-34914-1_21</a>
Big IoT Data Indexing: Architecture, Techniques and Open Research Challenges	MA Ferrag, Z Kouahla, H Seridi, M Kurulay	2019 International Conference on Networking and Advanced Systems (ICNAS),	Proceeding de la conférence indexé dans Scopus	Informatique et Intelligence artificielle	2019		1-6	<a href="http://ieeexplore.ieee.org/document/8807848/">http://ieeexplore.ieee.org/document/8807848/</a>
Multiple classifier combination for steel surface inspection	R Zaghdoudi, H Seridi, A Boudiaf	2nd Conference on Informatics and Applied Mathematics, IAM 2019	non	Informatique et Intelligence artificielle	2019			
Deep Learning Techniques for Cyber Security Intrusion Detection: A Detailed Analysis	MA Ferrag, L Maglaras, H Janicke, R Smith	6th International Symposium for ICS & SCADA Cyber Security Research	Proceeding de la conférence indexé dans Scopus	Informatique et Intelligence artificielle	2019			<a href="https://www.scienceopen.com/hosted-document?doi=10.14236/ewic/icscsr19.16">https://www.scienceopen.com/hosted-document?doi=10.14236/ewic/icscsr19.16</a>
BLOSTER: Blockchain-based system for detection of fraudulent rules in software-defined networks	A Derhab, M Guerroumi, L Maglaras, MA Ferrag, M Mukherjee, FA Khan	6th International Symposium for ICS & SCADA Cyber Security Research	Proceeding de la conférence indexé dans Scopus	Informatique et Intelligence artificielle	2019			<a href="https://www.scienceopen.com/hosted-document?doi=10.14236/ewic/icscsr19.5">https://www.scienceopen.com/hosted-document?doi=10.14236/ewic/icscsr19.5</a>
A novel approach for facial	B Adil, KM	2019 International	Proceeding de la	Informatique	2019		1-5	<a href="https://ieeexplore.i">https://ieeexplore.i</a>

