

CV Mohamed YOUSSEFI

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Date de naissance : 10/07/1970

Situation familiale : Marié

Fonction actuelle :

- Enseignant Chercheur à L'ENSET Mohammeda, Université Hassan II de Casablanca, Spécialité Informatique : Ingénierie Logicielle, Systèmes parallèles et Distribués
- Consultant et Expert en Ingénierie Logicielle, Systèmes Distribués, Développement Web et Mobile et Intelligence Artificielle



Profile Scopus : <https://www.scopus.com/authid/detail.uri?authorId=36171388900>

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Profile Researchgate : http://www.researchgate.net/profile/Youssefi_Mohamed/publications

Chaîne vidéo : <http://youtube.com/mohamedYoussefi>

Supports : <http://slideshare.net/mohamedYoussefi9>

Diplômes :

- **Doctorat d'Etat**, Fac des sciences Rabat (Lab. Signaux Systèmes Distribués et Intelligence Artificielle de ENSET), Spécialité Informatique et Systèmes Parallèles et Distribués, 2015
- **Doctorat de Troisième cycle**, Fac des sciences Rabat, 1996
- Diplôme des Etudes Approfondies à la fac des sciences de Rabat, 1994
- Diplôme de Professeur Second Cycle de l'ENSET Mohammeda (Bac + 4), 1993
- Quelques Certifications Professionnelles récentes :
 - IBM: Mobile Application Developer Academic Certificate (2015)
 - IBM: Application Security Analyst Mastery Award (2016)

Expérience Professionnelle :

- Enseignant Chercheur Permanent, Spécialité Informatique, Ingénierie Logicielle, Systèmes Parallèles et Distribués, Big Data et Cloud Computing à l'ENSET, Université Hassan II de Casablanca (Depuis 1993)
- Directeur du Laboratoire de recherche : Informatique Intelligence Artificielle et Cyber sécurité
- Expert CNRST
- Expert ANEAQ
- Expert Association R&D
- Expert d'évaluation de la production scientifique des laboratoires de recherche de l'université Hassan II de Casablanca
- Expert d'évaluation des appels à projets numériques de l'université Hassan II de Casablanca.
- Expert d'évaluation des projets d'accréditation de nouvelles filières en formation initiale et continue de l'université Hassan II de Casablanca (depuis 2014)
- Membre du conseil d'établissement ENSET (Depuis 2010)
- Membre du conseil de l'université Hassan II de Casablanca (Depuis 2010)
- Coordonnateur de la cellule Système d'Information de l'ENSET (Depuis 2014)
- Coordonnateur de la filière d'ingénieur d'état : Ingénierie Informatique, Big data et Cloud Computing à l'ENSET (Depuis 2016)
- Coordonnateur de la filière Licence Professionnelle Universitaire en développement Web et Multimédia (Depuis 2011)

- Coordonnateur de la filière Master d'Université Ingénierie Informatique, Big Data et Cloud Computing (Depuis 2018)
- Membre actif et permanent du Laboratoire de Recherche : Signaux Systèmes Distribués et Intelligence Artificielle (SSDIA)
- Expert de l'évaluation des projets reçus dans le cadre du Concours National de l'Innovation de la Recherche-Développement et de la technologie (édition : 2017 et 2018)
- Expert d'évaluation des projets d'accréditation de nouvelles filières en formation initiale et continue de l'université Hassan II de Casablanca (depuis 2014)
- Expert de l'ANEAQ pour l'évaluation des filières de formations initiales pour accréditation nationale.
- Membre du jury national de l'agrégation du Génie Electrique.

Expériences Relative à la formation :

- **Formations Académiques :**
 - ENSET MOHAMMEDIA : Enseignant Chercheur Permanent, depuis 1993,
 - Filières formées :
 - Master : Systèmes d'Information Distribués (SID)
 - Filière d'Ingénieur : Génie du Logiciel et des Systèmes Informatiques Distribués. (GLSID)
 - Filière d'Ingénieur : Ingénierie Informatique, Big Data et Cloud Computing
 - Modules assurés : Référence
 - Technologie Web, Technologie XML,
 - POO java,
 - Développement d'applications Mobiles (Android, IONIC et Flutter)
 - Architecture Web J2EE (Servlet, JSP, JSTL, MVC, Spring Framework)
 - Frameworks J2EE (Hibernate, Spring, Struts, JSF, EJB)
 - UML, Design patterns, Ingénierie Multimédia
 - Développement Frontend Web Angular, React
 - Bases de données, Middlewares,
 - Technologies de distribution, Architectures orientée services,
 - Systèmes Multi agents, Intelligences Artificielle Distribuée
 - Architectures Micro services
 - Traitement Parallèle Distribués en Big Data
 - Ingénierie des Infrastructures Cloud
 - DevOps
 - Systèmes Parallèles et Distribués
 - Sécurité des applications Web Mobiles et Distribuées
 - Intervenant dans d'autres formations de Master délocalisés des universités françaises :
 - MASTER MIAGE Spécialité Systèmes d'informations distribuées de l'université de NANCY
 - MASTER MIAGE de l'université de TOULOUSE.

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- MASTER IGSI Ingénierie des Systèmes d'informations de l'université de TOULOUSE
 - MASTER ECOMMERCE de l'université de Bourgogne
 - MASTER Télécom et réseaux de l'université de Savoie.
 - MASTER CREMASI de l'ENSA Lyon
 - **Quelques Formations professionnelle :**
 - Banque Populaire Centrale : Formateur et Consultant chez l'équipe Systèmes d'Information de la Banque Populaire centrale dans les domaines suivant : UML, Java, JEE, XML, SOA, EJB, industrialisation du Génie Logiciel période : 2012, 2013 et 2014
 - Haute Autorité de la Communication Audiovisuelle (HACA) : Formateur et consultant chez l'équipe SI de la HACA sur la technologie Java/JEE
 - **Autres expériences :**
 - ENSET Mohammedia (2000-2014):
 - Développement du site web de l'ENSET : <http://enset-media.ac.ma/>
 - Développement de l'intranet de l'ENSET : <http://ent.enset-media.ac.ma>
 - Gestion des emplois de temps, Absences ...
 - Gestion des charges horaires des enseignants
 - Gestion du parc informatique
 - Gestion électronique des documents
 - Membre du conseil d'établissement (ENSET)
 - Membre du conseil d'Université Hassan II Mohammedia
 - Responsable de stages professionnels des filières SID et GLSID
 - Encadrant des thèses de doctorat dans spécialités : Calcul parallèle et Distribué, Web Sémantique, Systèmes Multi Agents, Big data et Data science
 - Membre de jury de recrutement des Professeurs assistants dans différentes universités nationales (Plusieurs fois)
 - Rapporteur et membre de jury de thèses de doctorat (Plusieurs fois)
 - Rapporteur et membre de jury d'habilitation Universitaire (Plusieurs fois)
 - Société MCI Management (1996-2000):
 - Développeur Multimédia
 - Développement d'un CD-ROM multimédia d'enseignement des mathématiques en langue arabe (IBNOU ZAIDOUN WA RRIADIATE)
 - Développement d'un CD-ROM multimédia d'apprentissage du code de la route en bilingue (arabe et français)
 - Développement des programmes multimédia d'un jeu télévisé « Tariq Assalama », diffusé par la RTM, en partenariat avec Zahra Vision et MCI management.
 - Autres Projets de Sites web et de CD-ROM Multimédia
 - Autres :
 - 1994 , développement d'une application de gestion pour l'entreprise DAR TISSIR
 - 1995, Intervenant dans un séminaire à l'école d'ingénieur INSI de Tunis en Tunisie, Thème : Systèmes réels.

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- 1996, développement d'un logiciel de Conception Assistée par Ordinateur au laboratoire de l'Université de Technologie de Compiègne France.
 - 1998, développement d'un CD-ROM multimédia d'initiation à la technologie au laboratoire multimédia de l'INP Toulouse, France.
 - 2000, développement d'un site web et d'un cd-rom d'initiation à la technologie au laboratoire multimédia de l'INP Toulouse, France.
 - 2002, Mise en place du réseau et des services Internet sous la plate forme LINUX, et développement du site web dynamique de l'ENSET Mohammedia.
 - 2013 : Développement et mise en œuvre d'une application intranet de gestion des charges horaires relatives aux filières et d'aide à la prise des décisions :

Quelques publications scientifiques :

Profile Scopus : <https://www.scopus.com/authid/detail.uri?authorId=36171388900>

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Profile Researchgate : http://www.researchgate.net/profile/Youssfi_Mohamed/publications

A. Publication dans des journaux internationaux indexés

1. Fatéma Zahra Benchara, **Mohamed Youssfi**, A new scalable distributed k-means algorithm based on Cloud micro-services for High-performance computing, Parallel Computing, Volume 101, 2021, 102736, ISSN 0167-8191, <https://doi.org/10.1016/j.parco.2020.102736>.
(<https://www.sciencedirect.com/science/article/pii/S0167819120301186>)
2. Abderazzak Ammar, Omar Bouattane, **Mohamed Youssfi**, Automatic cardiac cine MRI segmentation and heart disease classification, Computerized Medical Imaging and Graphics, Volume 88, 2021, 101864, ISSN 0895-6111,
<https://doi.org/10.1016/j.compmedimag.2021.101864>.
(<https://www.sciencedirect.com/science/article/pii/S0895611121000124>)
3. Fatéma Zahra Benchara, **Mohamed Youssfi**, "A New Distributed Type-2 Fuzzy Logic Method for Efficient Data Science Models of Medical Informatics", Advances in Fuzzy Systems, vol. 2020, Article ID 6539123, 10 pages, 2020. <https://doi.org/10.1155/2020/6539123>
4. Bousselham A., Bouattane O., **Youssfi M.**, Raihani A. (2020) 2D Brain Tumor Segmentation Based on Thermal Analysis Model Using U-Net on GPUs. In: Bhateja V., Satapathy S., Satori H. (eds) Embedded Systems and Artificial Intelligence. Advances in Intelligent Systems and Computing, vol 1076. Springer, Singapore.
https://doi.org/10.1007/978-981-15-0947-6_48
5. Bousselham A., Bouattane O., **Youssfi M.**, Raihani A. (2020) Ischemic Stroke Lesion Segmentation Based on Thermal Analysis Model Using U-Net Fully Convolutional Neural Networks on GPUs. In: Ezziyyani M. (eds) Advanced Intelligent Systems for Sustainable Development (AI2SD'2019). AI2SD 2019. Advances in Intelligent Systems and Computing, vol 1106. Springer, Cham. https://doi.org/10.1007/978-3-030-36677-3_12
6. Bousselham A., Bouattane O., **Youssfi M.**, Raihani A. (2020) Improved Brain Tumor Segmentation in MRI Images Based on Thermal Analysis Model Using U-Net and GPUs. In: Ezziyyani M. (eds) Advanced Intelligent Systems for Sustainable Development (AI2SD'2019). AI2SD 2019. Advances in Intelligent Systems and Computing, vol 1106. Springer, Cham. https://doi.org/10.1007/978-3-030-36677-3_10
7. Ait Allal A, El Amrani L, Haidine A, Mansouri K, **Youssfi M.** Implementation of 5G Communication Network for a Safe Operation of Autonomous and Conventional Ships. JERA 2020;51:229–48. <https://doi.org/10.4028/www.scientific.net/jera.51.229>
8. Ait Allal A, Melhaoui Y, Kamil A, Mansouri K, **Youssfi M.** Ship Main Engine Lubricating Oil System's Reliability Analysis by Using Bayesian Network Approach. JERA 2020;48:108–25. <https://doi.org/10.4028/www.scientific.net/jera.48.108>.
9. Ait Allal A., Mansouri K., **Youssfi M.**, Qbadou M., El Had K. (2020) Shipyard Impact Assessment for a Sustainable Ships' Maintenance and Repair Activity in West Africa. In: Ezziyyani M. (eds) Advanced Intelligent Systems for Sustainable Development (AI2SD'2019). AI2SD 2019. Advances in Intelligent Systems and Computing, vol 1104. Springer, Cham. https://doi.org/10.1007/978-3-030-36671-1_53
10. Ait Allal A., Mansouri K., **Youssfi M.**, Qbadou M., El Had K. (2020) Ship Main Engine Waste Heat Recovery for an Efficient Energy Management. In: Ezziyyani M. (eds) Advanced Intelligent Systems for Sustainable Development (AI2SD'2019). AI2SD 2019.

Lecture Notes in Electrical Engineering, vol 624. Springer, Cham.

https://doi.org/10.1007/978-3-030-36475-5_23

11. Fatéma Zahra Benchara and **Mohamed Yousfi**, "A Mobile Agent Team Works based on Load-Balancing Middleware for Distributed Computing Systems" International Journal of Advanced Computer Science and Applications(IJACSA), 10(12), 2019. <http://dx.doi.org/10.14569/IJACSA.2019.0101254>
12. Asmaa ROUDANE, **Mohamed YOUSSEFI** and Khalifa MANSOURI, "Semantic Micro-Services Model for Vehicle Routing using Ant Colony Optimization" International Journal of Advanced Computer Science and Applications(IJACSA), 10(11), 2019. <http://dx.doi.org/10.14569/IJACSA.2019.0101149>
13. Chougali, S., Mansouri, K., **Yousfi, M.** Air Traffic Management system used intelligent computing (2019) ARPN Journal of Engineering and Applied Sciences, 14 (2), pp. 518-524. <https://www.scopus.com/inward/record.uri?eid=2-s2.0-85061320367&partnerID=40&md5=7799d17aca5f2b41301fa777e861bc33>
14. Hajoui, Y., Bouattane, O., **Yousfi, M.**, Illoussamen, E.H. Q-learning and ACO hybridisation for real-time scheduling on heterogeneous distributed architectures(2019) International Journal of Computational Science and Engineering, 20 (2), pp. 225-239. Cited 2 times. <https://www.scopus.com/inward/record.uri?eid=2-s2.0-85076192869&doi=10.1504/IJCSE.2019.103826&partnerID=40&md5=40b1390db197481ab35ef407b0e2d387>. DOI: 10.1504/IJCSE.2019.103826
15. Sidi Mohamed Snineh, **Mohamed Yousfi**, Abdelaziz Daaif and Omar Bouattane, "Micro Agent and Neural Network based Model for Data Error Detection in a Real Time Data Stream" International Journal of Advanced Computer Science and Applications(IJACSA), 10(7), 2019. <http://dx.doi.org/10.14569/IJACSA.2019.0100725>
16. Ait Allal, K. Mansouri, **M. Yousfi**, M. Qbadou, Toward an evaluation of marine fuels for a clean and efficient autonomous ship propulsion energy, Materials Today: Proceedings Volume 13, Part 3, 2019, Pages 486-495, ISSN 2214-7853, <https://doi.org/10.1016/j.matpr.2019.04.005>. (<https://www.sciencedirect.com/science/article/pii/S2214785319305978>)
17. Ait Allal A., Mansouri K., **Yousfi M.**, Qbadou M. (2019) Toward a Study of Environmental Impact of Shipping Industry and Proposal of Alternative Solutions. In: Ezziyyani M. (eds) Advanced Intelligent Systems for Sustainable Development (AI2SD'2018). AI2SD 2018. Advances in Intelligent Systems and Computing, vol 913. Springer, Cham. https://doi.org/10.1007/978-3-030-11881-5_21
18. Abdelmajid Bousselham, Omar Bouattane, **Mohamed Yousfi**, Abdelhadi Raihani, "Towards Reinforced Brain Tumor Segmentation on MRI Images Based on Temperature Changes on Pathologic Area", *International Journal of Biomedical Imaging*, vol. 2019, Article ID 1758948, 18 pages, 2019. <https://doi.org/10.1155/2019/1758948>
19. Badr Eddine Sabir, **Mohamed Yousfi**, Omar Bouattane, Hakim Allali, Authentication and load balancing scheme based on JSON Token For Multi-Agent Systems, Procedia Computer Science, Volume 148, 2019, Pages 562-570, ISSN 1877-0509, <https://doi.org/10.1016/j.procs.2019.01.029>. (<https://www.sciencedirect.com/science/article/pii/S1877050919300298>)
20. Allal, A.A., Kamil, A., Melhaoui, Y., Mansouri, K., **Yousfi, M.** Seawater cooling system reliability modelin for a safer autonomous ship(2019) International Journal of Mechanical and Mechatronics Engineering, 19 (6), pp. 13-26. <https://www.scopus.com/inward/record.uri?eid=2-s2.0-85084518799&partnerID=40&md5=40f2a41661dcaa7ea35eed4c38d96bad>

21. Essayah, A., **Youssfi, M.**, Bouattane, O., Mansouri, K., Illoussamen, E. QoS-based semantic micro services discovery and composition using ACO algorithm: Case study: E-learning platform (2019) International Journal of Advanced Computer Science and Applications, 10 (6), pp. 159-168. Cited 1 time. <https://www.scopus.com/inward/record.uri?eid=2-s2.0-85070508981&partnerID=40&md5=1b84704fbd41c580d291c18c60951e88>
22. Ait Ali, N., Cherradi, B., El Abbassi, A. **Youssfi M.** GPU fuzzy c-means algorithm implementations: performance analysis on medical image segmentation. *Multimed Tools Appl* **77**, 21221–21243 (2018). <https://doi.org/10.1007/s11042-017-5589-6>
23. Chougali, S., Mansouri, K., **Youssfi, M.**, Qbadou, M. A new approach for Aircraft Landing Scheduling problem based on the deadline monotonic algorithm (2018) ARPN Journal of Engineering and Applied Sciences, 13 (8), pp. 2720-2725. Cited 1 time. <https://www.scopus.com/inward/record.uri?eid=2-s2.0-85047560160&partnerID=40&md5=2e020c3e67410ae653f16541f0b202f9>
24. Younes Hajoui, Omar Bouattane, **Mohamed Youssfi** and Elhocein Illoussamen, “New Hybrid Task Scheduling Algorithm with Fuzzy Logic Controller in Grid Computing” International Journal of Advanced Computer Science and Applications(IJACSA), 9(8), 2018. <http://dx.doi.org/10.14569/IJACSA.2018.090869>
25. Abdelmajid Bousselham, Omar Bouattane, **Mohamed Youssfi**, Abdelhadi Raihani, Brain tumor temperature effect extraction from MRI imaging using bioheat equation, *Procedia Computer Science*, Volume 127, 2018, Pages 336-343, ISSN 1877-0509, <https://doi.org/10.1016/j.procs.2018.01.130>. (<https://www.sciencedirect.com/science/article/pii/S187705091830142X>)
26. Abdelmajid Bousselham, Omar Bouattane, **Mohamed Youssfi**, Abdelhadi Raihani, 3D brain tumor localization and parameter estimation using thermographic approach on GPU, *Journal of Thermal Biology*, Volume 71, 2018, Pages 52-61, ISSN 0306-4565, <https://doi.org/10.1016/j.jtherbio.2017.10.014>. (<https://www.sciencedirect.com/science/article/pii/S0306456517301869>)
27. Chougali, S., Mansouri, K., **Youssfi, M.**, Balouki, Y. Air traffic control method in the transit aerospace based on the least laxity first algorithm (2017) ACM International Conference Proceeding Series, art. no. a25,. <https://doi.org/10.1145/3167486.3167511> <https://www.scopus.com/inward/record.uri?eid=2-s2.0-85049648964&doi=10.1145%2f3167486.3167511&partnerID=40&md5=a0cc49b185a8a80a9557e847516d4b72>
28. Ali, N.A., Cherradi, B., El Abbassi, A., Bouattane, O., **Youssfi, M.** Modelling the behavior of the CPU and the GPU versus the clusters number variation for sequential and parallel implementations of BCFCM algorithm (2017) ARPN Journal of Engineering and Applied Sciences, 12 (21), pp. 6030-6038. <https://www.scopus.com/inward/record.uri?eid=2-s2.0-85034440528&partnerID=40&md5=493213f1783e65877c599bfb9f514eb>
29. Fakhi, H., Bouattane, O., **Youssfi, M.**, Ouajji, H. A multi-agent model for general-purpose computing on graphics processing units (2017) Multiagent and Grid Systems, 13 (3), pp. 237-252. Cited 1 time. <https://www.scopus.com/inward/record.uri?eid=2-s2.0-85031792193&doi=10.3233%2fMGS-170269&partnerID=40&md5=f96fc4c4f563c0656820541ca0f1631d>; DOI:10.3233/MGS-170269

30. Benchara, F.Z.; **Youssfi, M.**; Bouattane, O.; Ouajji, H. A New Scalable, Distributed, Fuzzy C-Means Algorithm-Based Mobile Agents Scheme for HPC: SPMD Application. *Computers* **2016**, *5*, 14. <https://doi.org/10.3390/computers5030014>
31. **Mohamed Youssfi**, Omar Bouattane, Abdelaziz Daaif, Mohammed Ouadi Bensalah, [Load balancing algorithm based on aspect oriented approach for a multi agent distributed system](#). *Contemporary Engineering Sciences*, Vol. 9, 2016, no. 4, 145-161, <http://dx.doi.org/10.12988/ces.2016.512321>

B. Communications dans les conférences internationales indexées pour la période 2016-2020

1. O. Idrissi, A. Bikir, K. Mansouri and **M. Youssfi**, "Enhancing the management of aircraft taxiing phase by allocating efficient and conflict-free routes," 2020 IEEE 2nd International Conference on Electronics, Control, Optimization and Computer Science (ICECOCS), 2020, pp. 1-4, doi: 10.1109/ICECOCS50124.2020.9314574.
2. M. Erraki, **M. Youssfi**, **A. Daaif** and O. Bouattane, "NLP Summarization: Abstractive Neural Headline Generation Over A News Articles Corpus," 2020 Fourth International Conference On Intelligent Computing in Data Sciences (ICDS), 2020, pp. 1-6, doi: 10.1109/ICDS50568.2020.9268776.
3. M. Rafik, A. Fentis, T. Khalili, **M. Youssfi** and O. Bouattane, "Learning and Predictive Energy Consumption Model based on LSTM recursive neural networks," 2020 Fourth International Conference On Intelligent Computing in Data Sciences (ICDS), 2020, pp. 1-7, doi: 10.1109/ICDS50568.2020.9268733.
4. Chris Lytridis, Christos Bazinas, Stamatis Chatzistamatis, Kalliopi Sotiropoulou, Aouatif Najoua, **Mohamed Youssfi**, Omar Bouattane, "Head Pose Estimation Using Lattice Computing Techniques," 2020 International Conference on Software, Telecommunications and Computer Networks (SoftCOM), 2020, pp. 1-5, doi: 10.23919/SoftCOM50211.2020.9238315.
5. N. E. A. Amrani, **M. Youssfi**, O. Bouattane and O. E. K. Abra, "Interoperability Between Heterogeneous Multi-agent Systems Recommended by FIPA: Towards a Weakly Coupled Approach Based on a Network of Recurrent Neurons of the LSTM type," 2020 3rd International Conference on Advanced Communication Technologies and Networking (CommNet), 2020, pp. 1-6, doi: 10.1109/CommNet49926.2020.9199643.
6. **M. YOUSSEFI**, O. BOUATTANE, K. Vassilis and G. Papakostas, "Generic distributed polymorphic learning model for a community of heterogeneous cyber physical social robots in MAS Environment and GPU Architecture," 2020 International Conference on Intelligent Systems and Computer Vision (ISCV), 2020, pp. 1-7, doi: 10.1109/ISCV49265.2020.9204226.
7. F. E. Ezzrhari, H. Bensag, **M. Youssfi**, O. Bouattane and V. Kaburlasos, "Scalable multi agent system middleware for HPC of Big Data Applications," 2020 International Conference on Intelligent Systems and Computer Vision (ISCV), 2020, pp. 1-8, doi: 10.1109/ISCV49265.2020.9204225.
8. Nouredine Ait Ali, Bouchaib Cherradi, Ahmed El Abbassi, Omar Bouattane, **Mohamed Youssfi**, Parallel Implementation and Performance Evaluation of some Supervised Clustering Algorithms for MRI Images Segmentation, *Proceedings of the 4th International Conference on Big Data and Internet of Things* October 2019 Article No.: 69Pages 1–7, <https://doi.org/10.1145/3372938.3373007>
9. Abderazzak Ammar, Omar Bouattane, **Mohammed Youssfi**, Image segmentation with local active contours on graphics processing units, *Proceedings of the 4th International Conference on Smart City Applications* October 2019 Article No.: 90Pages 1–8, <https://doi.org/10.1145/3368756.3369077>
10. Y. Hajoui, O. Bouattane, **M. Youssfi** and E. Illoussamen, "Application model of tasks scheduling problem in distributed systems solving problems of road traffic planning in smart cities," 2019 Third International Conference on Intelligent Computing in Data Sciences (ICDS), 2019, pp. 1-7, doi: 10.1109/ICDS47004.2019.8942310.

11. S. M. Snineh, O. Bouattane, **M. Youssfi** and A. Daaif, "Towards a multi-agents model for errors detection and correction in big data flows," 2019 Third International Conference on Intelligent Computing in Data Sciences (ICDS), 2019, pp. 1-5, doi: 10.1109/ICDS47004.2019.8942297.
12. N. E. A. Amrani, O. E. K. Abra, **M. Youssfi** and O. Bouattane, "A new interpretation technique of traffic signs, based on Deep Learning and Semantic Web," 2019 Third International Conference on Intelligent Computing in Data Sciences (ICDS), 2019, pp. 1-6, doi: 10.1109/ICDS47004.2019.8942319.
13. S. CHOKRI, S. BAROUD, S. BELHAOUS, M. KHOUIL, **M. Youssfi** and M. Mestari, "Impact of communication volume on the maximum speedup in Parallel computing based on graph partitioning," 2019 Third International Conference on Intelligent Computing in Data Sciences (ICDS), 2019, pp. 1-6, doi: 10.1109/ICDS47004.2019.8942349.
14. C. Lytridis et al., **M. Youssfi**, "Social Robots as Cyber-Physical Actors in Entertainment and Education," 2019 International Conference on Software, Telecommunications and Computer Networks (SoftCOM), 2019, pp. 1-6, doi: 10.23919/SOFTCOM.2019.8903630.
32. AMMAR, O. BOUATTANE and **M. YOUSSEFI**, "Review and comparative study of three local based active contours optimizers for image segmentation," 2019 5th International Conference on Optimization and Applications (ICOA), 2019, pp. 1-6, doi: 10.1109/ICOA.2019.8727683.
15. A. ALLAL, K. MANSOURI, **M. YOUSSEFI** and M. QBADOU, "Reliable and cost-effective communication at high seas, for a safe operation of autonomous ship," 2018 6th International Conference on Wireless Networks and Mobile Communications (WINCOM), 2018, pp. 1-8, doi: 10.1109/WINCOM.2018.8629594.
16. Chougali S., Mansouri K., **Youssfi M.**, Balouki Y. (2019) New Real Time Method for Air Traffic Control Based on the Blocking Area. In: Mizera-Pietraszko J., Pichappan P., Mohamed L. (eds) Lecture Notes in Real-Time Intelligent Systems. RTIS 2017. Advances in Intelligent Systems and Computing, vol 756. Springer, Cham. https://doi.org/10.1007/978-3-319-91337-7_30
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18. F. E. Ezzrhari, H. Bensag, **M. Youssfi**, O. Bouattane and O. E. K. Abra, "Towards a New Micro Agents Middleware for Massively Distributed Systems," 2018 6th International Conference on Multimedia Computing and Systems (ICMCS), 2018, pp. 1-6, doi: 10.1109/ICMCS.2018.8525960.
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C. Chapitres d'ouvrages pour la période 2016-2020

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- **Prix de recherche :**

Deuxième Prix de la Première édition du concours du « Grand prix pour l'invention et la recherche en science et technologie » organisé par le ministère de l'éducation nationale, de l'enseignement supérieur de la formation des cadres et de la recherche scientifique, le 15 Mai 2008 par le thème « **Parallel Re-configurable Mesh Computer Emulator "P.Prog.Lab: Parallel Programming Laboratory"** ».

Langues :

- Français, Arabe, Anglais

Loisirs :

- Musique, Sport