

Curriculum Vitae

Personal information

- **Personal**
 - DR. Saighi Asma
 - Associated Professor, University of Oum El Bouaghi, Algeria.
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- **Researcher identity**
 - Google Scholar: <https://scholar.google.com/citations?hl=fr&user=105Lh-wAAAAJ>
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Education

- **Habilitation** in University of OumEl Bouaghi, 2020
- **Ph.D.'s degree** in Badji Mokhtar University, Annaba, Artificial Intelligence, 2018
- **Master's degree** in Badji Mokhtar University, Annaba, Artificial Intelligence, 2009
- **BEng ingeneer** in University of OumEl Bouaghi, Parallal and distributed Architecture, 2005

Functions and Affiliations

- **Assistant Professor B** in University of OumEl Bouaghi, 2009-2010
- **Assistant Professor A** in University of OumEl Bouaghi, 2010-2018
- **Associate professor B** in University of OumEl Bouaghi, 2018- 2020
- **Associate professor A** in University of OumEl Bouaghi, 2020

Teaching modules

Data Bases, Advanced web development, Mathematical logic, Decision Aid System, Computers' Architecture, Information System, ASD, Artificial intelligence, Machine Structure.

International publications

- Saighi A., Goualmi-Zine N. et Roose P. "Towards an Open system for Multimedia Mobile Phone Exchange : adaptation architecture", Caise-DC'08, CEUR-WS, Montpellier, France, ISSN 16130073, Vol. 343, pp. 53-61, 16-17 Juin 2008.

- Saighi, A., Roose, P., Ghoualmi, N., Laborie, S. & Laboudi, Z. (2017). HaMA: A Handicap-based Architecture for Multimedia Document Adaptation. *International Journal of Multimedia Data Engineering and Management (IJMDEM)*, 8(3).
- Saighi A., Goualmi-Zine N. et Roose P. "Modeling Scenarios for the Open System for Multimedia Mobile phone Exchange", ICEEDT'08, Hammamet, Tunisie, 8-10 Novembre 2008.
- Saighi A.; Goualmi-Zine N. "Towards a Feature Based Selection approach for Service Oriented Product Line.", ICNAS 2013, Annaba, Algérie, ISBN 978-9931-9142-0-4, pp.20-24, 19-20 Juin 2013.
- Saighi, A., Roose, P., Ghoualmi, N., Laborie, S. & Laboudi, Z (2016). Ontological Reasoning for the Personalization of Multimedia Adaptation Services in Smart Home Domain. In *Second International Symposium on Informatics and its Applications (ISIA'16)*.
- Saighi, A., Roose, P., Ghoualmi, N., Laborie, S. & Laboudi, Z (2016). Multimedia Presentation Adaptation Architecture Assisted by Ontological Reasoning. In IEEE (editor), *Proc. of The 2nd International Conference on Pattern Analysis and Intelligent Systems (PAIS'16)*.
- Saighi A., Goualmi-Zine N. et Roose P. "Implémentation de Prototype du Proxy du Système Ouvert pour Adaptation Multimédia", ESC'09, Alger, Algérie, pp. 39, 05-06 Mai 2009.
- Saighi A., Goualmi-Zine N. "Mobile phone Exchange Open System : "Modeling adaptation scenarios", JED'10, Annaba, Algérie, pp.90, 14-15 Mai 2010.
- Asma Saighi, Zakaria Laboudi, Philippe Roose, Sébastien Laborie, Nassira Ghoualmi-Zine: On Using Multiple Disabilities Profiles to Adapt Multimedia Documents: A Novel Graph-Based Method. *Int. J. Inf. Technol. Web Eng.* 15(3): 34-60 (2020).
- Laboudi, Z., Moudjari, A., Saighi, A., Draa, A., & Hadjadj, S. (2021). An adaptive context-aware optimization framework for multimedia adaptation service selection. *Neural Computing and Applications*, 1-13.
- Asma Saighi, Philippe Roose, Nassira Ghoualmi, Sébastien Laborie, Zakaria Laboudi: HaMA: A Handicap-based Architecture for Multimedia Document Adaptation. *Int. J. Multim. Data Eng. Manag.* 8(3): 55-96 (2017).
- Zakaria Laboudi, Abdelkader Moudjari, Asma Saighi, Hamana Nazim Hamri: Efficient Service Selection in Multimedia Documents Adaptation Processes. *MedPRAI 2020*: 170-187.
- Saighi, A., & Laboudi, Z. (2020, June). A novel self-organizing multi agent-based approach for multimedia documents adaptation. In *2020 International Conference on Electrical, Communication, and Computer Engineering (ICECCE)* (pp. 1-6). IEEE.
- Ayadi, A., Saighi, A., & Laboudi, Z. (2023, February). Multimedia Adaptation in Ubiquitous Systems: Literature Review, Critical Analysis and Future Trends. In *12th International Conference on Information Systems and Advanced Technologies "ICISAT 2022" Intelligent Information, Data Science and Decision Support System* (pp. 547-557). Cham: Springer International Publishing.

Interests and Qualifications

- **Interests:** Artificial Intelligence, Multimedia, Service selection, Cyber security, Intrusion Detection, Web, Cloud, Big data.
- **Qualifications:** Python for AI, Ontologies, web development.
- **Other:** Power BI, Spark, Hadoop.