Curriculum Vitae

Personal information

- **Mr. MEROUANI Hemza**
- Associate professor, Mathematics and Computer Science Department, University of Oum El Bouaghi, Algeria.
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Education

- **Master's degree (Magister)** in Computer Science (2011)
- **Engineer's degree** in Computer Science (2007)

Functions and Affiliations

- **Associate professor,** Mathematics and Computer Science Department. University of Oum El Bouaghi.
- **Research Fellow,** Research Laboratory on Computer Science's Complex Systems ReLa(CS)2 – University of Oum El Bouaghi.
- **Head of the pedagogical team** "Information Systems and Software Engineering" specialty, Mathematics and Computer Science Department. University of Oum El Bouaghi.

Teaching modules

- Information systems
- Graph theory
- Linear programming
- Programming tools for mathematics

International publications

- **Merouani, H**., Boutekkouk, F., & Merouani, I. (2022). UML/event-B-based modelling and verification of the car cruise control system. *International Journal of Computer Aided Engineering and Technology*, *16*(1), 14-39.
- **Merouani, H.**, Mokhati, F., & Seridi-Bouchelaghem, H. (2014, April). Formalizing Artifact-Centric Business Processes. In *Proceedings of the 16th International Conference on Enterprise Information Systems-Volume 2* (pp. 368-374).
- **Merouani, H**., Mokhati, F., & Seridi-Bouchelaghem, H. (2010, June). Towards formalizing web service composition in Maude's strategy language. In *Proceedings of the 1st International Conference on Intelligent Semantic Web-Services and Applications* (pp. 1-6).

− Mokhati, F., **Marouani, H.**, Laouadi, M. A., & Marir, T. (2009). DIMA-RTMaude: A Formal Framework for Specifying DIMA Multi-Agents' Real Time Aspects. International Review on Computers and Software- *Volume 4 (3),* pp. 382-391.