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## **Professeur Habilité en Informatique**

### **Axe de Recherche**

- ◆ Machine et Deep learning dans les Réseaux de Capteurs Sans Fil
- ◆ IA et E-Learning
- ◆ Système d'Information à Références Spatiales
- ◆ Web Mapping et Service Web GéoSpatiales
- ◆ IA et Agriculture de précision

### **Formation diplômante**

- 2017 HDR Computer Sciences, University Sultane Moulay Slimane
- 2005 Ph. D. Computer Sciences, University Hassan II-Mohammedia
- 2002 M. A. Applied Maths & Computer Sciences, University Hassan II-Mohammedia.
- 2000 B. A. A. Applied Maths, University of CaddiAyad-Benimellal., FST Benimellal.

### **Publications indexées par scopus (10 récentes)**

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#### Articles

- Modeling of an artificial intelligence based enterprise callbot with natural language processing and machine learning algorithms
  - Aattouri, I., Mouncif, H., Rida, M.
  - *AES International Journal of Artificial Intelligence*, 2023, 12(2), pp. 943–955
- Multispectral UAV data for detection of weeds in a citrus farm using machine learning and Google Earth Engine: Case study of Morocco
  - Hajar Saad El Imanni , Abderrazak El Harti , El Mostafa Bachaoui , Hicham Mouncif , Fatine Eddassouqui , Mohamed Achraf Hasnai , Moulay Ismail Zinelabidine
  - *Remote Sensing Applications: Society and Environment*, 2023, 30, 100941

- Artificial Intelligence System in Aid of Pedagogical Engineering for Knowledge Assessment on MOOC Platforms: Open EdX and Moodle
  - Bachiri, Y.-A., Mouncif, H.
  - *International Journal of Emerging Technologies in Learning*, 2023, 18(5), pp. 144–160

### Book Chapter

- Low Overhead Routing in a Lightweight Routing Protocol
  - Lachgar, M., Larhlimi, I., Darif, A., Ouchitachen, H., Mouncif, H.
  - *Lecture Notes on Data Engineering and Communications Technologies*, 2023, 164, pp. 242–250
- A Genetic Algorithm Approach Applied to the Cover Set Scheduling Problem for Maximizing Wireless Sensor Networks Lifetime
  - Larhlimi, I., Lachgar, M., Ouchitachen, H., Darif, A., Mouncif, H.
  - *Lecture Notes on Data Engineering and Communications Technologies*, 2023, 164, pp. 129–137

### Conference Paper

- Creation of a Callbot Module for Automatic Processing of a Customer Service Calls
  - Aattouri, I., Rida, M., Mouncif, H.
  - *Lecture Notes in Business Information Processing*, 2021, 416 LNBP, pp. 417–424
- A Comparative Study of Learning Algorithms on a Call Flow Entering of a Call Center
  - Aattouri, I., Rida, M., Mouncif, H.
  - *Advances in Intelligent Systems and Computing*, 2021, 1364 AISC, pp. 507–519
- Modeling and Developing a Geomatics Solution for the Management of Sanitation Networks in Urban Areas: A Case Study of El Fida District of Greater Casablanca
  - El Bennani, K., Mouncif, H., Bachaoui, E.L.M.
  - *Advances in Intelligent Systems and Computing*, 2021, 1188, pp. 467–480
- Applicable strategy to choose and deploy a MOOC platform with multilingual AQG feature
  - Bachiri, Y.-A., Mouncif, H.
  - *Proceedings - 2020 21st International Arab Conference on Information Technology, ACIT 2020*, 2020, 9300051