



# Dr. Ouahiba Chouhal

Maître de conférences (A)

## PROFIL



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## LANGUES

Arabe

française

Anglais

## FORMATION

2020

Batna, Algérie

**HABILITATION UNIVERSITAIRE EN GENIE INDUSTRIEL**

*Université de Batna2*

2018

Batna, Algérie

**DOCTORAT EN SCIENCES EN GENIE INDUSTRIEL**

*Université de Batna2*

2004

Tebessa, Algérie

**MAGISTER EN INFORMATIQUE**

*Université de Tebessa*

2001

Batna, Algérie

**INGENIORAT EN INFORMATIQUE**

*Université de Batna*

**Université de Abbes Laghrour-Khenchela**  
**Département des Mathématiques et Informatique,**

- *Maître de Conférences (A)*
- *Membre du Laboratoire **ICOSI**-khenchela*
- *Maître de Conférences (B)*
- *Maître Assistant (A)*
- *Maître Assistant (B)*

2004-2006

**Université de Tebessa**  
**Département des Mathématiques et Informatique,**

- *Maître Assistant (B)*

- 2023 H. Haouassi, R. Mahdaoui, O. Chouhal. A discrete equilibrium optimization algorithm for breast cancer diagnosis. *Intelligent Data Analysis*, vol. 27, no. 4, pp. 1185-1204, 2023.
- 2022 H. Haouassi, R. Mahdaoui, O. Chouhal. 2022. New discrete crowd search algorithm for class association rule mining. *International Journal of Swarm Intelligence Research (IJSIR)*, 13(1), 1-21.2022.
- 2021 **O. Chouhal**, R. Mahdaoui, LH Mouss. SOA-based distributed fault prognostic and diagnosis framework: an application for preheater cement cyclones. *International Journal of Internet Manufacturing and Services*, 8(1), 1-18. 2021.
- 2019 **O. Chouhal**, R. Mahdaoui, L. H Mouss, “SOA-based distributed fault prognostic and diagnosis framework: An application for preheater cement cyclones”, *International Journal of Internet Manufacturing and Services*. ISSN online 1751-6056 ISSN print 1751-6048.. *Inderscience publisher. (In Press) (Scopus Indexed)*.  
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- 2019 **O. Chouhal**, R. Mahdaoui, L. H Mouss, “Distributed control and monitoring based on cooperating agents: an application for manufacturing system”, *Journal of New Technology and Materials (JNTM)J*. New Technol. Mater. Special Issue, (Category B)  
***Flight. 08, No. 03, pp 25-28 (April 2019).***
- 2019 R. Mahdaoui, LH Mouss, A. Haboussi, O. Chouhal, H. Houassi, TM Maarouk “A Temporal Neuro-Fuzzy System For Estimating Remaining Useful Life In Preheater Cement Cyclones”, *International Journal of Reliability, Quality and Safety Engineering*. Flight: 26, issue: 3. *ISSN (print): 0218-5393 | ISSN (online): 1793-6446. World Scientific Publishing Company. Doi: <https://doi.org/10.1142/S0218539319500128>.*
- 2016 **O. Chouhal**, HL Mouss, K. Benaggoune, R. Mahdaoui “A multi agent solution to distributed fault diagnosis of preheater cement cyclone”, *Journal of Advanced Manufacturing Systems*, Vol 15, no 4, 2016. **pp. 209-221.** ISSN (print): 0219-6867 | ISSN (online): 1793-6896. ***Doi: <https://doi.org/10.1142/S0219686716500153>***
- 2012 R. Mahdaoui, H. Mouss and MD Mouss, O. Chouhal. “The Temporal Neuro-Fuzzy Systems Learning Using Artificial Immune Algorithm”. *International Review of Mechanical Engineering (IREME)*. vol.4 N.1, pp 918-922, May 2012, ISSN 1970 - 8734, 2012.