



# Mounir HEMAM

Enseignant Chercheur

## PROFIL

 Khenchela, Algerie

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## LANGUES

Arabe 

Français 

Anglais 

## FORMATION

1993

Constantine, Algerie

**Baccalauréat**

*Lycée Yougourta*

1993 - 1998

Constantine, Algerie

**Ingénieur d'Etat en Informatique**

*Université Mentouri de Constantine*

2002 -2005

Oum Elbouaghi, Algerie

**Magister en Informatique**

*Université de Oum Elbouaghi*

2007 -2012

Constantine, Algerie

**Doctorat en Science**

*Université de Constantine 2*

Novembre 2017

Biskra, Algerie

**Habilitation Universitaire**

*Université de Biskra*

## POSTES OCCUPÉS

### Université de Khenchela

- *Maitre-assistant,  
Octobre 2005 - Octobre 2008*
- *Maitre-assistant chargé de cours,  
Octobre 2008 - Janvier 2012*
- *Maitre de Conférences –B-,  
Janvier 2012 - Novembre 2017*
- *Maitre de Conférences –A-,  
Novembre 2017 – Juillet 2023*
- *Professeur, Juillet 2023 ~*

- 1- Mehdi Malah, Mounir Hemam, Fayçal Abbas (2023). "3D face reconstruction from single image with generative adversarial networks", *Journal of King Saud University - Computer and Information Sciences*, Volume 35, Issue 1, Pages 250-256.
- 2- Amara, F.Z., Djezzar, M., Hemam, M. et al. A real-time semantic based approach for modeling and reasoning in Industry 4.0. *Int. j. inf. tecnol.* 16, 507–515 (2024)
- 3- Hafidi, M.M., Djezzar, M., Hemam, M., Amara, F.Z. and Maimour, M. (2023), "Semantic web and machine learning techniques addressing semantic interoperability in Industry 4.0", *International Journal of Web Information Systems*, Vol. 19 No. 3/4, pp. 157-172.
- 4- Nabila Sid, Meriem Djezzar, Mohamed Elhabib Souidi, Mounir Hemam (2023). "A New Game-Theoretic Convolutional Neural Network Applied the Multi-Pursuer Multi-Evader Game", Volume 42, Issue 3, Pages 1001–1022.
- 5- Zianou Ahmed Seghir, Meriem Djezzar, Mounir Hemam, Ahmed Zeggari and Fella Hachouf. (2023). "Stereo image quality assessment using deformed pixels and Sobel magnitude". *Journal of Intelligent & Fuzzy Systems*, 44(5), Pages 7599-7611.
- 6- Sihem Benkhaled and Mounir Hemam (2022). "A Semantic Gateway for Internet of Things Interoperability at the Application Layer." *Journal of Applied Computer Systems*, Volume 27, Issue 2, Pages 198-206.
- 7- Ahmed Zeggari, Zianou Ahmed Seghir, Mounir Hemam, Fella Hachouf, and Meriem Djezzar (2022). "Color distortion and edge feature for perceptual quality assessment." *Informatica*, Volume 46, Issue 6, Pages 53-65.
- 8- Fatima Zahra Amara, Mounir Hemam, Meriem Djezzar, and Moufida Maimor (2022). "Semantic Web and Internet of Things: Challenges, Applications and Perspectives." *Journal of ICT Standardization*, Volume 10, Issue 2, Pages 261-292.
- 9- Sihem Benkhaled, Mounir Hemam, Meriem Djezzar, and Moufida Maimour (2022). "An ontology-based contextual approach for cross-domain applications in internet of things", *Informatica*, Volume 46, Issue 5, Pages 198-206.
- 10- Meriem Djezzar, Mounir Hemam, Djama Ouahiba, and Zianou Ahmed Seghir(2021). "Generation of Heterogeneous Semantic Annotations of XML Pages: a Multi-viewpoints Approach." *Informatica* Volume 45, Issue. 7, Pages 137-146.
- 11- Ahmed Zeggari, Zianou Ahmed Seghir, and Mounir Hemam (2021). "Perceptual image quality assessment based on gradient similarity and Ruderman operator" *Int. J. Computational Vision and Robotics* Volume 11, Issue 2. Pages 151-74.
- 12- Mounir Hemam (2018). "An extension of the ontology web language with multi-viewpoints and probabilistic reasoning". *Int. Journal of Advanced Intelligence Paradigms (IJAIP)*, Inderscience Publishers Ltd. Vol. 10, N° 3, Pages 247–265.
- 13- Mounir Hemam, Meriem Djezzar and Zizette Boufaida (2017). "Multi-viewpoint Ontological Representation of Composite Concepts : a Description Logics Based Approach". *Int. Journal of*

Intelligent Information and Database Systems (IJIIDS), Inderscience Publishers Ltd. Vol. 10, N° 1/2, Pages 51–68.

- 14- Lynda Djakhdjakha, Mounir Hemam and Zizette Boufaida (2014). "Towards a Representation for Multi-Viewpoints Ontology Alignments". Int Journal of Metadata, Semantics and Ontologies (IJMSO), Inderscience Publishers Ltd, Vol. 9, N° 2, Pages 91–102.
- 15- Mounir Hemam and Zizette Boufaida (2011). "MVp-OWL: A Multi-Viewpoints Ontology Language for the Semantic Web". Int. Journal of Reasoning-based Intelligent Systems (IJRIS), Inderscience Publishers, Vol. 3, N° 3/4, Pages 147–155.