




# Fayçal Abbas

Lecturer A

## PROFIL

 Abbès Laghrour Khenchela University

 abbas\_faycal@univ-khenchela.dz

 0662536959



## LANGUES

Arabe 

Français 

Anglais 



## Education

2011

**Magister Image synthesis and artificial life**

Mohamed Khider Biskra University

2019

**Doctor of Science in Computer Science**

Mohamed Khider Biskra University

2022

## HDR

Abbes Laghrour khenchela University

## Professional Experience

- 2012 Assistant professor "B" Abbès Laghrour Khenchela University.
- 2015 Assistant Professor "A" Abbès Laghrour Khenchela University.
- 2019 Lecturer B Abbès Laghrour Khenchela University.
- 2022 Lecturer A Abbès Laghrour Khenchela University.

## Teaching experience

- Advanced databases 2015/2018
- Mobile application development 2015/2018
- Computer Security 2018/2020
- Algorithmics and data structure 2019/2021
- Mobile Applications 2021/2022
- Advanced databases 2022/2023
- Advanced databases 2023/2024
- Mobile application development 2023/2024

## Journal Papers

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- Abbas, F., Malah, M., & Agaba, R. (2024). Image Rendering with Generative Adversarial Networks. In Applications of Generative AI (pp. 117-135). Cham: Springer International Publishing.
- Malah, M., Agaba, R., & Abbas, F. (2024). Generating 3D Reconstructions Using Generative Models. In Applications of Generative AI (pp. 403-419). Cham: Springer International Publishing.
- Agaba, R., Malah, M., Abbas, F., & Babahenini, M. C. (2023, May). 3D Facial Reconstruction Based on a Single Image Using CNN. In International Conference on Intelligent Systems and Pattern Recognition (pp. 15-26). Cham: Springer Nature Switzerland.
- Abbas, Fayçal, Mehdi Malah, and Mohamed Chaouki Babahenini. "Approximating global illumination with ambient occlusion and environment light via generative adversarial networks." Pattern Recognition Letters 166 (2023): 209-217.
- Malah, Mehdi, Mounir Hemam, and Fayçal Abbas. "3D face reconstruction from single image with generative adversarial networks." Journal of King Saud University-Computer and Information Sciences 35.1 (2023): 250-256.
- Abbas, Souad, Hamouma Moumen, and Fayçal Abbas. "Efficient Method Using Attention Based Convolutional Neural Networks for Ceramic Tiles Defect Classification." Revue d'Intelligence Artificielle 37, no. 1 (2023): 53.
- Abbas, Fayçal, and Mohamed Chaouki Babahenini. "Forest fog rendering using generative adversarial networks." The Visual Computer (2022): 1-10.
- Abbas, F., & Babahenini, M. C. (2018). Gaussian radial basis function for efficient computation of forest indirect illumination. 3D Research, 9(2), 1-16.
- Approach Geometry/Image For Rendering Forest In Real Time. The International Journal of Multimedia & Its Applications (IJMA) Vol.3, No.3, August 2011.

## Conference Papers

- Automatic collection, classification and identification data using RFID and WSN for efficient quality control system. ICTAEE23: Fourth International Conference On Technological Advances in Electrical Engineering 2023 At: Skikda, Algeria
- Agaba, R., Malah, M., Abbas, F., & Babahenini, M. C. (2023, May). 3D Facial Reconstruction based on a single image using CNN. In International Conference on Intelligent Systems and Pattern Recognition, (ISPR'2023), Hammamet, Tunisia.
- Abbas, F., Malah, M., & Babahenini, M. C. (2022, May). Efficient deep Neural Network Architectures for Subsurface Scattering Approximation. In 2022 7th International Conference on Image and Signal Processing and their Applications (ISPA) (pp. 1-4). IEEE.
- Abbas, F., Malah, M., & Babahenini, M. C. (2022). Attentional Conditional Generative Adversarial Network for Ambient Occlusion Approximation. In International Conference on Intelligent Systems and Pattern Recognition (pp. 349-361). Springer, Cham.
- Approche Hybride Géométrie / Image pour un Rendu Temps Réel des Forêts. Traitement et Analyse de l'Information: Méthodes et Applications (TAIMA'2011). Hammamet. Tunisie.
- Approche Multi-représentation pour un Rendu Réaliste et Efficace des Forêts
- WCCCS'11 Workshop on Codes, Cryptography and Communication Systems. V-Souissi University, Rabat Morocco.