Fayçal Abbas

Maître de conférences A

PROFIL

Université Abbes Laghrour Khenchela

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LANGUES

Arabe

Français

Anglais

FORMATION

2011

Magistère Synthèse d'images et vie artificielle

Université Mohamed Khider Biskra

2019

Docteur en sciences informatiques

Université Mohamed Khider Biskra

2022

Habilitation en informatique

Université Abbes Laghrour Khanchela

Experience professionnelle

- *2012 Maître assistant "B" Université Abbes Laghrour Khenchela.*
- *2015 Maître assistant "A" Université Abbes Laghrour Khenchela.*
- *2019 Maître de conférences "B " Université Abbes Laghrour Khenchela.*
- *2022 Maître de conférences "A " Université Abbes Laghrour Khenchela.*

Enseignement

- Bases de données avancées 2015/2018
- Développement d'applications mobiles 2015/2018
- Sécurité Informatique 2018/2020
- Algorithmique et structure de données 2019/2021
- Applications Mobile 2021/2022
- Bases des données avancées 2022/2023
- Bases des données avancées 2023/2024
- Développement d'applications mobiles 2023/2024

Les articles

- 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.

Conférences

- 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.