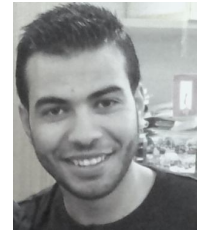


Curriculum Vitae



Personal information

- **Personal**
 - Prof. FERHATI Hichem
 - Associate Professor, University of Oum El Bouaghi, Algeria.
 - E-mail:ferhatihichem@gmail.com
 - Mobile:0656104106
- **Researcher identity**
 - Google Scholar: https://scholar.google.fr/citations?user=Ppw_sFcAAAAJ&hl=fr
 - ReaserchGate: <https://www.researchgate.net/profile/Ferhati-Hichem>
 - ORCID: <https://orcid.org/0000-0001-9615-7536>

Education

- **Ph.D.'s degree** in Microelectronics, University of Batna-2, Batna, Algeria, 2019
- **Master's degree** in Microelectronics, Université Djillali Liabes, Sidi-Bel-Abbès, Algeria, 2014
- **License's degree** in Engineer degrees in Electronics, University of Batna, Batna, Algeria, 2010

Functions and Affiliations

- **Associate professor at ISTA University of Oum El Bouaghi, Algeria. 2019-present**

Teaching modules

Physics, Photonics and optoelectronics.

International publications

- *H. Ferhati, Performance analysis of a new Mid-Infrared phototransistor based on combined graded band gap GeSn sensitive-film and IGZO TFT platform, Micro and Nanostructures 173, 207467, 2023.*
- *H. Ferhati, (2020). Highly improved responsivity of self-powered UV–Visible photodetector based on TiO2/Ag/TiO2 multilayer deposited by GLAD technique: Effects of oriented columns and nano-sculptured surface. Applied Surface Science, 529, 147069.*
- *H. Ferhati. (2020). An efficient ITO-free transparent electrode based on diamond-like carbon with an engineered intermediate metallic thin-film. Solar Energy, 196, 327-335.*

Interests and Qualifications

- **Interests:** Microelectronics, Optoelectronics/ Photovoltaic, optical communication systems, Soft-Computing/artificial intelligence.
- **Qualifications:** Programming ability in Matlab, Comsol software, SILVACO TCAD and PSO, GA Optimization Tools.