




Laid CHERGUI

Associate Professor (HDR)

PROFIL

 Université ABBAS LAGHROUR KHENCHELA

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LANGUES

Arabe 

Français 

Anglais 

Education and Training

1997 - 2022

Annaba, Algeria.

**State Engineer in Electronics
Specialization in Telecommunications.**

Université Badji Mokhtar of Annaba

2002 - 2006

Sétif, Algeria.

**Master's degree in Electronics, with a specialization
in Communication.**

Université Ferhat ABBAS-Sétif 1.

2009 - 2017

Sétif, Algeria.

Doctorate in Sciences, Specialization: Electronics.

Université Ferhat ABBAS-Sétif 1.

Université ABBAS LAGHROUR of KHENCHELA

Positions Held

- Associate Professor (HDR)
- Head of the Department of Sciences and Technology.
- Member of the faculty's scientific council, Representing Faculty Members with Magistral Rank in the Department of Industrial Engineering.
- Specialty Leader: Telecommunications Systems.

1. Laid Chergui, Saad Bouguezel, 'A new pre-whitening transform domain LMS algorithm and its application to speech denoising,' *Signal Processing*, Volume 130, 2017, Pages 118-128, ISSN 0165-1684, <https://doi.org/10.1016/j.sigpro.2016.06.021>.
2. Chergui, L., Bouguezel, S. (2019). A new post-whitening transform domain LMS algorithm. *Traitement du Signal*, Vol. 36, No. 3, pp. 245-252. <https://doi.org/10.18280/ts.360307>.
3. L. Chergui and S. Bouguezel, "Variable Step Size Pre-Whitening Transform Domain LMS Adaptive Noise Canceller," *2019 International Conference on Advanced Systems and Emergent Technologies (IC_ASET)*, 2019, pp. 327-331, doi: 10.1109/ASET.2019.8871012.
4. L. Chergui and S. Bouguezel, "Enhanced Pre-Whitening TDLMS Adaptive Noise Canceller," *ICTAEE'18 university of skikda, Algeria*, 2018.
5. L. Chergui and S. Bouguezel, "A Low Complexity Parametric DFT and DHT -Based OFDM Transceivers," *ICTAEE'23 university of skikda, Algeria*, 2023.
6. L. Chergui, S. Bouguezel, "A New Parametric DFT-Based OFDM Transceiver for Intrinsic Wireless Communication Encryption," *Advances in Electrical and Computer Engineering*, vol.24, no.1, pp.15-22, 2024, doi:10.4316/AECE.2024.01002