

◆ Soutenance de doctorat 2016 :

« Discrimination des Voix Pathologiques par Analyse Paramétrique du Signal de Parole Large Bande », Doctorat LMD, soutenance prévue pour le 10 décembre 2016 par L'étudiant KADI Lahcen Kamil, Encadré par Pr. Malika BOUDRAA en co-direction avec le Pr. S.A Selouani.

◆ Habilitation universitaire 2016

Soutenance habilitation universitaire le 08 Novembre 2016, par Dr. Droua-Hamdani Ghania.

◆ Publications internationales:

I-Revues

Article: Low complexity forward error correction for CELP-type speech coding over erasure channel transmission

Nadir Benamirouche · Bachir Boudraa · Domingo López-Oller · José L. Pérez-Córdoba

Article in International Journal of Speech Technology · August 2016

DOI: 10.1007/s10772-016-9365-1

II- Chapter

1. Chapter: A Dynamic FEC for Improved Robustness of CELP-Based Codec

Nadir Benamirouche · Bachir Boudraa · Angel M. Gomez · [...] · Iván López-Espejo

Chapter · January 2016

DOI: 10.1007/978-3-319-49169-1_2

In book: Advances in Speech and Language Technologies for Iberian Languages, pp.14-23

2. Chapter: Parkinson's Disease Recognition by Speech Acoustic Parameters Classification

D. Meghraoui · B. Boudraa · T. Merazi-Meksen · M. Boudraa

Chapter · January 2016

DOI: 10.1007/978-3-319-33410-3_12

In book: Modelling and Implementation of Complex Systems, pp.165-173

III- Conference Paper

1. Conference Paper: Human/Machine Interface dialog integrating new Information and Communication Technology for pathological voice

Zaidi Fares · Boudraa Malika · Selouani Sid Ahmed · Hamdani Ghania

Conference Paper · FTC 2016

978-1-5090-4171-8/16/\$31.00 ©2016 IEEE

2. Conference Paper: Erosion technique to ultrasonic data reduction in material inspection

Thouraya Merazi-Meksen · Malika Boudraa · Bachir Boudraa

Conference Paper · Apr 2016

Conference Paper · April 2016

DOI: 10.1109/CoDIT.2016.7593612

Conference: 2016 International Conference on Control, Decision and Information Technologies (CoDIT)

Paper : accepted

3. Conference Paper : Automatic Recognition System of Continuous Pathological Speech and Dialogues Via Web

F. ZAIDI, M. Boudraa, S.A. Selouani & GH; Droua-Hamdani

International Conference on Bio-engineering for Smart Technologies (BioSMART 2016), Dec. 4th-7th, 2016, Dubai, UAE

Paper accepted for presentation and publication in the conference proceedings in IEEE Xplore

4. Conference Paper : Features Dimensionality Reduction and Multi Di-mensional Voice Processing Program to Parkinson Disease Discrimination

D. Meghraoui, B. Boudraa, TH. Merazi-Meksen 1 M. Boudraa

the 4th International Conference on Control Engineering & Information Technology, (CEIT-2016) 16-18 December, Hammamet, Tunisia.

Paper accepted for ORAL presentation and publication in the conference proceedings in IEEE Xplore.

5. Conference Paper : Implementation of cosine function used in Discrete Cosine Transform for computing MFCC Coefficient

N. Tahir, M. Boudraa, A. A. El Ouchdi & E. Lamini

Second International Conference on Technological Advances in Electrical Engineering, ICTAEE'16, October 24-26/2016

Paper accepted for ORAL presentation and publication in the conference proceedings

6. Conference Paper : A Multiple Stream Frontend for Wireless Distributed Speech Devices

Djamel ADDOU & Malika BOUDRAA

3th International Conference on Electrical and Electronics Engineering, ICEEE, April 11-12, 2016 Istanbul, Turkey

Paper accepted for ORAL presentation and publication in the conference proceedings

7. Conference Paper : Acoustic Features for Robust ASR in Cellular network Applications

Djamel ADDOU & Malika BOUDRAA

Global Summit on Computer and Information technology (GSCIT'2016), 16-18 July, Sousse, Tunisia
Paper accepted for ORAL presentation and publication in the conference proceedings

◆ Soutenance de Master 2016

1. **Ait BELKACEM & BATATA Samira**, « Réalisation d'un Système de Synthèse pour voix Pathologiques», sous la direction de Mme BOUDRAA Malika
2. **BACHA Wissem CHAIANI** « Reconnaissance du locuteur dans un environnement réel », sous la Co-direction de Mme BOUDRAA Malika et Bengharabi M.
3. **SAHEL HOUDA ZIRAOUI FELLA** , Conception d'une application de supervision et de reporting pour le réseau d'Ooredoo Algérie, sous la co-direction de Mme BOUDRAA Malika et Chennana Mounir