



# Lazhar BOUALI

Enseignant

## FORMATION

2011 - 2012

Ville, Pays: El-Harrach, Alger, Algérie

### DIPLÔME : Magister (Génie électrique option Machine électriques)

*école nationale polytechnique (ENP)*

2023 - 2024


Ville, Pays: El-Harrach, Alger, Algérie

### DIPLÔME: Doctorat en science (Génie électrique option électrotechnique)

*école nationale polytechnique (ENP)*

## PROFIL

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## LANGUES

Français

Anglais

Arabe

## Les articles

### Publications internationales

[1] L Bouali, M Djennah, R Tahmi “Numerical modeling of electromagnetic interaction between a radio frequency sources and the human body”

Conference Paper. Date Added to IEEE Xplore: 25February 2016, **Publisher: IEEE** Publication Year: 2015,Page(s):1 – 6

(<https://ieeexplore.ieee.org/document/7416711>)

[2] L Bouali, M Djennah. “Numerical Study of Electromagnetic Interaction between a Radio Frequency Sources and the Human Head”. **International Journal of Science and Research (IJSR)** Volume 5 Issue 1, January 2016 pp145-150. (<https://www.ijsr.net/archive/v5i1/NOV152551.pdf>)

[3]L Bouali, M Djennah, R Tahmi, M Zahraoui. “Numerical Modeling of the Interface between Source RF and the Human Body” **Physical Science International Journal**, Published: 26 April 2016, volume 10 Issue 3,Page: 1-12. (<https://journalpsij.com/index.php/PSIJ/article/view/456>)

[4] L Bouali, M Djennah, R Tahmi “Numerical method of calculate electromagnetic energy in the human head exposed to an RF source” **Academic Research International** Vol. 11 Issue 4, pages 23-35, December 2020. ([http://www.savap.org.pk/journals/ARInt./Vol.11\(4\)/ARInt.2020\(11.4-04\).pdf](http://www.savap.org.pk/journals/ARInt./Vol.11(4)/ARInt.2020(11.4-04).pdf))

[5] L Bouali, M Djennah, R Tahmi “Numerical study of the behavior of the electromagnetic field its relation to the energy absorbed by a human head

exposed to a radiofrequency (RF) source application: the cellular''. Conference Paper. Date Added to IEEE Xplore: 28 June 2022. *Publisher: IEEE*. Publication Year: 2022,Page(s):1 – 6

(<https://ieeexplore.ieee.org/document/9805944>)

[6] L Bouali, M Djennah, R Tahmi “Electromagnetic Radiation Effects of Radio Frequency Source on the Human Body”. *Technological Innovation in Engineering Research*. Vol. 4, 21 June 2022, Page 150-160, (<https://stm.bookpi.org/TIER-V4/article/view/7317>)

## **Communications internationales**

### **Communication N°1**

The 4th International Conference on Electrical Engineering ICCEE 2015  
December 13th-15th, 2015 Boumerdes , Algeria

**Bouali Lazhar; Djennah Mohammed; Tahmi Redouane**

(Numerical modeling of electromagnetic interaction between a radio frequency sources and the human body)

### **Communication N°2**

Istanbul 19th International Conference on “Engineering & Technology, Computer , Basic & Applied Sciences” ( ECBA- 2016 ) 9-10 May 2016

**Istanbul, Turkey**

**Bouali Lazhar; Djennah Mohammed; Tahmi Redouane**

(Numerical method for selecting a protector of the Human head against the electromagnetic field of radio frequency sources)

### **Le meilleur article (best paper)**

**Bouali Lazhar (laboratory of electrotechnic-enp-Algeria)** was declared as Best paper of the Engineering and technology, Computer, Basic, and applied Sciences. Istanbul 19th International Conference on “Engineering & Technology, Computer , Basic & Applied Sciences” ( ECBA- 2016 ) 9-10 May 2016 **Istanbul, Turkey**

### **Communication N°3**

Conférence Internationale sur La pollution électromagnétique : Réalité défis et solutions proposées. 25 et 26 Octobre 2016 EST **Essaouira–Maroc**  
COP22 ESTE/CIPE'16.

**Bouali Lazhar, Djennah Mohammed, Tahmi Redouane , Zahraoui Mahrez**

**Laboratoire de L'électrotechniques - enp – Alger-Algérie**

(Numerical selecting of a protector of the human head against the electromagnetic field of radio frequency source (mobile phone))

### **Communication N°4**

ELECO 2017. 10th INTERNATIONAL CONFERENCE ON ELECTRICAL AND ELECTRONICS ENGINEERING ( ELECO- 2017 ) 30 November-02 December 2017 in **Bursa -Turkey**.

**Bouali Lazhar, Djennah Mohammed, Tahmi Redouane**

(Numerical study of interaction between human head and electromagnetic field of radio frequency sources (mobile phone) and selecting protector)

### **Communication N°5**

ELECO 2017. 10th INTERNATIONAL CONFERENCE ON ELECTRICAL AND ELECTRONICS ENGINEERING. ( ELECO- 2017 ) 30 November-02 December 2017 in **Bursa –Turkey**.

**Bouali Lazhar, Djennah Mohammed, Tahmi Redouane**

(The interface between source RF and the human body by numerical modeling)

**Communication N°6**

2022 6th International Conference on Advanced Technologies for Signal and Image Processing (ATSIP). Date of Conference: 24-27 May 2022

Conference Location: **Sfax, Tunisia.**

**Bouali Lazhar; Djennah Mohammed; Tahmi Redouane**

*( Numerical study of the behavior of the electromagnetic field its relation to the energy absorbed by a human head exposed to a radiofrequency (RF) source application: the cellular).*