



# Farouk BOUMEHREZ

Lectures (HDR)

ABBES LAGHROUR University - KHENCHELA

## FORMATION

1996 - 2002

Guelma/Algeria

**Electronics Engineer**

*Guelma University*

November 2008

Annaba/Algeria

**Magistre in Telecommunications**

*Annaba University*

November 2018

Annaba/Algeria


**PhD in Telecommunications Science**

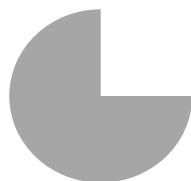
*Annaba University*

## PROFIL

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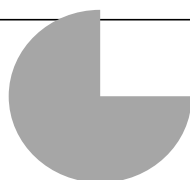


## LANGUES

Arabe 

English 

French 



## Scientific areas of interest

Telecommunications, Electronics, Wireless communications, Multimedia, digital communications, video and image processing, IoT, computer networks.

## Publications and communications

- Farouk Boumechrez, A Hakim Sahour, Nouredine Doghmane. "Telehealth care enhancement using the internet of things technology," Bulletin of Electrical Engineering and Informatics 10 (5), 2652-2660, 2021, pp.2652-2660. DOI: <https://doi.org/10.11591/eei.v10i5.2968>
- AbdelhakimSahour, Farouk Boumechrez, Mohamed benouaret, Azzouz Mokhneche "Greenhouse Climate Controller by Using of Internet of Things Technology and Fuzzy Logic", Instrumentation MeasureMétrologie, Vol 20 (1), February, 2021, pp.29-38. DOI: <https://doi.org/10.18280/i2m.200105>
- Farouk Boumechrez, RadhiaBrai, Nouredine Doghmane, KhaledMansouri, "Quality of experience enhancement of high efficiency video coding video streaming in wireless packet network using multiple description coding," Journal of Electronic Imaging 27(1), 013028 (27 February 2018). DOI <https://doi.org/10.1117/1.JEI.27.1.013028>
- Farouk Boumechrez, Abdelhakim Sahour and Nouredine Doghmane, Fuzzy logic inference system based quality prediction model for HD HEVC video streaming over wireless networks, New Technologies of Information and Communication 2, Second IEEE International Conference (NTIC22) , Decembre 21-22, 2022, Abdalhafid Boussouf Universty, Mila, Algeria.

## Research project

Head of the PRFU project entitled "Design and development of an intelligent irrigation system for apple orchards based on IoT", affiliated institution: Abbes Laghrour University –Khenchela- (01 January 2023).