

CURRICULUM VITAE

SOFIANE BOUOUDEN

Place and Date of Birth: Algeria | 21 October 1978
Work Address: Faculty of sciences and technology, University
Abbes Laghrour Khenchela, Route de Constantine BP 1252, El
Houria, 40004 Khenchela. Algeria.
- Phone: +216 661 581 058
- Email: sofiane.bououden@univ-khenchela.dz

ACADEMIC DEGREES

- 2014 Habilitation for heading research (necessary for a position of Professor).
- 2010 PhD degree in automatic control from the University of Mentouri, Constantine, Algeria.

COMPUTING SKILLS

- **2006-2010** researcher/ temporary teacher at Constantine, university, Algeria
- **2010-2011** Maitre assistant classe B-stagiaire- at Khenchela, university, Algeria.
- **From February 2011** to February 2012 Maitre de conférences classe B at Khenchela, university, Algeria.
- **Since February 2014:** Associate Professor at Khenchela, university, Algeria
- **Since July 2018:** Full Professor at Khenchela, university, Algeria.

EDUCATION

- 2010 **Phd in Control Systems**, University of Constantine, Algeria
- 2004-2006 **Master's in Control Systems**
University of Constantine, Algeria.
- 1999-2004 **Bsc Hons in Electronics Option Control Systems**
University of Constantine, Algeria.
- 1998-1999 **Baccalaureate Electrical Engineering**
Ziadia Technical High School, Constantine, Algeria.

WORK EXPERIENCE

- 2006-2007: Courses in Charge: Real Time Systems TEC 464 (5th year Electronic Engineering), Regulation and Introduction to Control System (4th year in Chemical Engineering), University of Oum El Bouaghi, Algeria.
- 2006-2007: TP in Charge: Electrical and Electronics Measures 'TEC 583' (3th year Electronic Engineering) University of Oum El Bouaghi, Algeria.
- 2006-2007: Tudor in Charge: Vibrations and Waves 'Physics 03' (2nd year LMD) University of Constantine, Algeria.
- 2007-2008: Courses in Charge: Real Time Systems TEC 464 (5th year Electronic Engineering), University of Oum El Bouaghi, Algeria.
- 2007-2008: TP in Charge: Theory and Control of Linear Systems 'TEC 474' (4th year Electronic Engineering), University of Oum El Bouaghi, Algeria.
- 2007-2008: Tudor's in Charge: Vibrations and Waves 'Physics 03' (2nd year LMD) Electricity, Electrical (2nd year LMD) University of Constantine, Algeria.
- 2008-2009: Courses in Charge: Real Time Systems TEC 464 (5th year Electronic Engineering), Industrials Automations Programmable (3th year LMD), University of Oum El Bouaghi, Algeria.
- 2008-2009: TP's in Charge: Theory and control of linear systems 'TEC 474' (5th year Electronic Engineering), Identification of Nonlinear Systems (1th year Master Industrial informatics), University of Oum El Bouaghi, Algeria.
- 2008-2009: Tudor in Charge: Vibrations and Waves 'Physics 03' (2nd year LMD) University of Constantine, Algeria.
- 2008-2009 : TP in Charge: Identification and Modeling of Nonlinear Systems (1th year Master) University of Constantine, Algeria
- 2009-2010 : TP in Charge: Identification and Modeling of Nonlinear Systems (1th year Master) University of Constantine, Algeria
- 2009-2010 : TP in Charge: Identification and Modeling of Nonlinear Systems (1th year Master) University of Constantine, Algeria
- 2010-2011 : Courses in Charge Tudor's in Charge and TP's: signal processing (1th year Master) University of Khenchela, Algeria
- 2010-2011: Tudor's in Charge: Vibrations and Waves 'Physics 03' (2nd year LMD) Electricity, Electrical (2nd year LMD) University of Khenchela, Algeria
- 2011-2012 : Courses in Charge Tudor's in Charge and TP's: signal processing (1th year Master) University of Khenchela, Algeria
- 2011-2012: Tudor's in Charge: Vibrations and Waves 'Physics 03' (2nd year LMD) Electricity, Electrical (2nd year LMD) University of Khenchela, Algeria
- 2012-2013 : Courses in Charge Tudor's in Charge and TP's: signal processing (1th year Master) University of Khenchela, Algeria
- 2012-2013: Tudor's in Charge: Vibrations and Waves 'Physics 03' (2nd year LMD) Electricity, Electrical (2nd year LMD) University of Khenchela, Algeria

RESEARCH INTERESTS

- Adaptive Control.
- Optimization, Identification Systems.

- Predictive Control, Fuzzy Predictive Control.
- Fuzzy Logic Systems.
- Neural Network Control.
- Optimal Control.
- Robust Control.

RESPONSIBILITIES

- Team leader for the ST- A domain at the University of Khenchela (2015-2018).
- Elected member of the faculty scientific council since 2015.
- Elected member of the departmental scientific committee 2015-2018.
- Chairman of the Industrial Engineering Department Scientific Committee since 2019.
- Director of the SATIT Laboratory since July 2020.

NATIONAL PROJETS

CNEPRU Project Manager (2015-2019), code: J0203520140047

A01L08UN400120140002

Project title: Control and Diagnosis of Networked Control Systems (NCS): Application to energy conversion systems.

PRFU Project Leader (2019-2023), code: A01L08UN400120190001

Project title: Control Management and Fault Diagnosis: Application to energy conversion systems.