


<b>Curriculum Vitae</b>			
<b>Personal informations</b>			
Last and First Name	TIR Zoheir		
Actual degree	Full Professor / IEEE Senior Member		
Date and place of birth	16/04/1983 at El Oued, Algeria.		
Nationality	Algerian		
Marital status	Married, 02 children		
Personal address	Tiksebt City, 39006, El Oued, Algeria.		
Professional address	University of El Oued, El Oued, Algeria.		
Email address	tir-zoheir@univ-eloued.dz,		
Mobile phone	00 213 675 107 376		
Institution	University of El Oued, El Oued, Algeria.		
Laboratory	Laboratoire d'exploitation et valorisation des ressources énergétiques sahariennes		
Personal website	<a href="https://sites.google.com/view/tirzoheir/home">https://sites.google.com/view/tirzoheir/home</a>		
Web of Science ResearcherID	B-9709-2016		
ORCID ID	<a href="https://orcid.org/0000-0002-5793-5179">https://orcid.org/0000-0002-5793-5179</a>		
ScopusAuthor ID	56285710100		
<b>Trainings and Diplomas</b>			
<b>Diploma</b>	<b>Specialty</b>	<b>Institution</b>	<b>Date</b>
Full professor	Electrical Engineering	MESRS Algeria	08/09/2020
Habilitation	Electrical Engineering	University of Biskra	05/06/2016
Doctorate in Sciences	Electrical Engineering	University of Batna 2	09/09/2014
Magister	Electrical Engineering	University of Sétif 1	07/07/2010
Engineering	Electrical Engineering	University of Batna 2	03/07/2007
Baccalaureate	Electrical Engineering	Technicum Miloudi Laroussi - El Oued	29/06/2002
<b>Qualification</b>			<b>Date</b>

Qualifications for the functions of Associate Professor in the 63rd section (Electrical, electronic, photonics and systems engineering), Qualification number 18263311093 of the National Council of Universities of the Ministry of Higher Education and Scientific Research (France)	February 2018
<b>Internships and Professional Experience</b>	
8-day scientific visit to the University of Florence in Italy and the Universitat Rovira i Virgili (Tarragona) in Spain and the Polytechnic University of Catalonia (Terrassa), Spain	March 2018
10-day scientific visit to the Polytechnic University of Catalonia, Spain	March 2017
10-day scientific visit to the University of Cassino, Italy	March 2016
30-day scientific visit to the University of Mondragon, Spain	November 2014
Head of Statistics, Information and Guidance Service at the Faculty of Science and Technology, University of El Oued	2012 - 2013
3 days training on renewable energies at the Polytechnic Military School, Algiers, Algeria	May 2012
2-month practical internship, within the Sonelgaz company "SPE HMO" on the Design of an Alternator (P = 116 MW) Comparative Study with that of the Sonelgaz Hassi Messaoud West Power Plant (C-HMO. SPE)	Abril-May 2007
15-day practical internship in the Sonelgaz company of El Oued (distribution station) on the distribution of electrical energy	2005
<b>Skills and Areas of Interest</b>	
Electrical engineering	Modeling and control of electrical machines
Advanced control	Advanced control techniques, non-linear control (sliding modes, Backstepping ...) and non-linear observers
Industrial informatic	Programming of micro-processors, dSPACE 1104 card, programmable logic controllers and Grafset.
Signal processing	Digital filtering, spectral analysis
Electronic	Power electronics, general (analog and digital) and manufacturing of printed circuits.
Software and programming languages	Word, Excel, PowerPoint, Matlab, Vision, Control Desk and C.
<b>International collaboration</b>	
Francisco Javier Poza	Professor at the University of Mondragon, Spain
Om P. MALIK	Professor at the University of Calgary, Calgary, Canada
Gerasimos Rigatos	Director of the Institute of Industrial Systems, Greece

Marignetti Fabrizion	Professor at the University of Cassino, Italy
Alberto Reatti	Professor at the University of Florence, Italy
Abdelali Elaroudi	Professor at the University of Rovira i Virgili, Tarragona, Spain
Azzedine Houari	Professor at the University of Nantes, France
Coroles Felipe	Professor at the Polytechnic University of Catalonia, Spain
Hafiz Ahmed	Professor at Birmingham City University, UK
Samet Biricik	Professor at the European University of Lefke and researcher at the Dublin Institute of Technology
Languages	
Arab	Mother tongue
Technical French	Current
Technical English	Current
Hobbies	
Football, Chess, Billiards, Table football, Table tennis.	

### Teaching activities

#### 1. Module or subject taught

Graduation				
Module or subject taught	Teaching year	Teaching cycle		
		Classic system	LMD License	Master
Computer science	2009		3 <sup>ème</sup> Eco	
Computer science	2009		1 <sup>ère</sup> Com	
Computer science	2010		1 <sup>ère</sup> Sci. Islam.	
General electronics	2010		2 <sup>ème</sup> Ele. Eng.	
Computer science	2011			1 <sup>ère</sup> A. M. Control

Industrial Informatic	2011		3 <sup>ème</sup> Ele. Eng.	
Microprocessor	2011			1 <sup>ère</sup> A. M. control
Practicals in Conduct of Electrical Networks	2011			2 <sup>ème</sup> A. M. Networks
Electrical equipment	2012			2 <sup>ème</sup> A. M. control
Electrical machines I	2012			1 <sup>ère</sup> A. M. control
Computer science	2012			1 <sup>ère</sup> A. M. control
In-depth electrical engineering	2012			1 <sup>ère</sup> A. M. control
Electrical equipment	2013			2 <sup>ème</sup> A. M. control
Electrical machines I	2013			1 <sup>ère</sup> A. M. control
Computer science	2013			1 <sup>ère</sup> A. M. control
In-depth electrical engineering	2013			1 <sup>ère</sup> A. M. control
Electrical equipment	2014			2 <sup>ème</sup> A. M. control
Electrical machines I	2014			1 <sup>ère</sup> A. M. control
Computer science	2014			1 <sup>ère</sup> A. M. control
In-depth electrical engineering	2014			1 <sup>ère</sup> A. M. control
Industrial regulation	2015		3 <sup>ème</sup> Gén. Elec.	
Electrical equipment	2015			2 <sup>ème</sup> control
Electrical machines I	2015			1 <sup>ère</sup> A. M. control
Computer science	2015			1 <sup>ère</sup> A. M. control
In-depth electrical engineering	2015			1 <sup>ère</sup> A. M. control
In-depth electrical engineering	2016			1 <sup>ère</sup> A. M.

				control
Computer science	2016			1ère A. M. control
End of cycle project	2016		3ème A. Electrote.	
Industrial regulation	2016		3ème A. Electrote.	
In-depth electrical machines	2017			1ère A. M. control
Practicals in In-depth electrical machinery	2017			1ère A. M. control
Practicals in Advanced power electronics	2017			1ère A. M. control
Practicals in Advanced power electronics	2017			1ère A. M. Networks
Practicals in Advanced power electronics	2017			1ère A. M. Machines
Electrical control techniques	2017			1ère A. M. control
Practicals in electrical control techniques	2017			1ère A. M. control
Modeling and identification of electrical systems	2017			1ère A. M. control
Practicals in Modeling and identification of electrical systems	2017			1ère A. M. control
Advanced commands	2018			2ème A. M. control
Practicals in Advanced commands	2018			2ème A. M. control
Maintenance and operational safety	2018			2ème A. M. control
Electrical control techniques	2018			1ère A. M. control
Practicals in electrical control techniques	2018			1ère A. M. control
Practicals in Advanced commands	2019			2ème A. M. control
Practicals in Advanced commands	2019			2ème A. M. control
Practicals in Advanced power electronics	2019			1ère A. M.

				control
Practicals in Advanced power electronics	2019			1ère A. M. Networks
Practicals in Advanced power electronics	2019			1ère A. M. Machines
electrical control techniques	2019			1ère A. M. control
Practicals in electrical control techniques	2019			1ère A. M. control
Advanced commands	2020			2ème A. M. control
Practicals in Advanced commands	2020			2ème A. M. control
Special Machines	2020			2ème A. M. control
Special Machines	2020			2ème A. M. Networks
electrical control techniques	2020			1ère A. M. control
Practicals in electrical control techniques	2020			1ère A. M. control

### Post-Graduation

Module or subject taught	Teaching year	Teaching cycle	
		Magister	Doctorate
Modeling and Control of Electrical Systems	2017		1ère A. Doctorat Control
Real-Time Implementation of a Sensorless Control of the Asynchronous Machine	2018		1ère A. Doctorat Control
Bibliographic search	2018		1ère A. Doctorat All Specialty.
Modeling of electrical drives	2019		1ère A. Doctorat Machines

### Educational activities

#### 1. Published books:

Title	Authors	House of publishing	Year of publication	Number of pages
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New Approach to PID Control: Application on a Wind Power System Based on a Dual Power Brushless Asynchronous Machine (BDFM)	Zoheir TIR	French-speaking Academic Press	2014	172
Design of a High Power Alternator: Comparative Study with that of the Sonelgaz HMO Power Plant in Algeria	Zoheir TIR	French-speaking Academic Press	2014	176

**2. Edited handouts:**

Titre de l'ouvrage	Auteurs	Maison d'édition	Année d'édition	nombre de pages
In-depth electrical engineering	Zoheir TIR	Dept. Electrical Engineering	2016	85
Electrical Control Techniques	Zoheir TIR	Dept. Electrical Engineering	2018	75
Advanced commands	Zoheir TIR	Dept. Electrical Engineering	2019	61

## Supervisor

**1. Supervised Master's theses**

Master's theses		
Name and surname	Title	Defense date
Bouamra Dhia Elhak et Beddi Nacer	Contribution à l'étude d'une Machine Asynchrone Double Etoile : Modélisation, Alimentation et Commande	Jun 2014
Chekima Djamel	Commande d'un Moteur Asynchrone par Logique Floue	Jun 2014
AGGAB Mohammed Abdallah GHRISSI Abdelmalek	Commande d'une Machine Asynchrone à Double Alimentation sans Balais en vue de son Application dans le Domaine de l'Energie Eolienne	Juin 2016
GHRIBI Ali	تصميم وإنجاز بطاقة الكترونية لتحصيل درجة الحرارة عن طريق برمجية مختبر الأجهزة LABVIEW الوهمية	Juin 2016
HACHEF Laid BOUSBAIA ALAIECH Sohaieb	Real Time DC Motor Speed Control Based on LabVIEW Interfaced with Arduino	Juin 2016
KHECHIBA Kamel KHITER Anissa	Design and implementation of microcontroller based controller for direction and speed of a robot	Juin 2016
GUEMOUDI Brahim CHEKIMA Zakaria	Speed Control of DC Motor Based on MATLAB Interfaced with Arduino and L298N H-Bridge	Juin 2017
BOUGHAZALA HAMAD Haitham BALI Ali	Commande en Vitesse par Placement de Pôles d'un Moteur CC à base d'Atmega	Juin 2018

CHERGUI Hamza AD Athman	Impact de l'Impédance du Transformateur sur le Comportement du Moteur à Induction lors de la Chute de Tension	Juin 2018
BEN AMARA Said GABOUSSA Nacereddine	Commande en vitesse par mode glissant d'un Moteur à CC à base d'Atmega	Juin 2018
ALIA Salim GUEDDA Smail	Commande Vectorielle d'une Machine à Induction	Juin 2019
FETHIZA TEDJANI Tedjani GOUACEM RAID Akram	Sensorless speed Control based on Interconnected High Gain Observer for Induction Motors	Juin 2019
NECIB Abderrahim SAYAH Kherfi	Etude et contrôle du système d'excitation d'un alternateur synchrone de la centrale électrique d'Alrar	Juin 2019
BEN YAMMA YUCEF GUEDDA HOCINE	Contrôle Vectoriel Direct d'un Moteur Asynchrone Triphasé Intégré dans un Système de Pompage Solaire	Juin 2020
AZZA Hocine Ihab BELGACEM Ahmed MESAI	Enhanced Control of a Photovoltaic Water Pumping System by DTC-SVM	Juin 2020

### License Thesis

Name and surname	Title	Defense date
Zelaci Mohammed Laid, Karoui Tahar et Guediri El-Habib	Modélisation et Simulation d'un Moteur Asynchrone	Jun 2014
Hanafi M. et Hocem M.	Techniques d'extraction du maximum de la puissance utile d'une éolienne à vitesse variable	Jun 2012
Bouamra Dhia Elhak et Beddi Nacer	Contribution à l'Étude d'une Machine Asynchrone à Double Alimentation sans Bague Balais	Jun 2012

## Scientific Productions and Activities

### 1. International publications:

Journals				
Title of the article	Author's position	Journal title	Year	URL address
Analysis and Vector Control of a Cascaded Doubly Fed Induction Generator in Wind Energy Applications	1st	Revue des Ener. Ren	2010	<a href="https://www.cder.dz/download/smee2010_36.pdf">https://www.cder.dz/download/smee2010_36.pdf</a>
Hybrid Fuzzy Proportional Plus Integrator Conventional Controller of A Novel BDFIG For Wind Energy Conversion Systems	1st	Acta Electrotechnica et Informatica	2013	<a href="http://www.aei.tuke.sk/papers/2013/2/09_Tir.pdf">http://www.aei.tuke.sk/papers/2013/2/09_Tir.pdf</a>



A New Self-Tuning Fuzzy PD Controller of a BDFIG for Wind Energy Conversion	1st	WASET	2014	<a href="https://publications.waset.org/9997504/pdf">https://publications.waset.org/9997504/pdf</a>
Control of a wind energy conversion system based on brushless doubly fed induction generator	1st	Revue des Ener. Ren	2014	<a href="https://www.cder.dz/download/Art17-1_5.pdf">https://www.cder.dz/download/Art17-1_5.pdf</a>
Hybrid Fuzzy Logic Proportional Plus Conventional Integrator-Derivation Controller of A Novel BDFIG For Wind Energy Conversion	1st	JEE	2014	<a href="http://www.jee.ro/covers/art.php?issue=WT1366929140W5179aef4befe6">http://www.jee.ro/covers/art.php?issue=WT1366929140W5179aef4befe6</a>
Flatness-based adaptive neurofuzzy control of induction generators using output feedback	3d	Journal of Neurocomputing	2016	<a href="https://www.sciencedirect.com/science/article/abs/pii/S0925231216308827">https://www.sciencedirect.com/science/article/abs/pii/S0925231216308827</a>
Fuzzy logic based speed control of indirect field oriented controlled Double Star Induction Motors connected in parallel to a single six-phase inverter supply	1st	Journal of Electric Power Systems Research	2016	<a href="https://www.sciencedirect.com/science/article/abs/pii/S037877961600016X">https://www.sciencedirect.com/science/article/abs/pii/S037877961600016X</a>
Fuzzy logic field oriented control of double star induction motor drive	1st	Journal of Electrical Engineering	2017	<a href="https://link.springer.com/article/10.1007/s00202-016-0377-2">https://link.springer.com/article/10.1007/s00202-016-0377-2</a>
Intelligent control of a brushless doubly-fed induction generator	1st	Journal of International Journal of System Assurance Engineering and Management	2019	<a href="https://link.springer.com/article/10.1007/s13198-019-00772-2">https://link.springer.com/article/10.1007/s13198-019-00772-2</a>
Improvement in speed performance of an induction motor with sliding mode controller and ann for dtc	3d	Journal of fundamental and applied sciences	2019	<a href="https://www.jfas.info/index.php/JFAS/article/view/507">https://www.jfas.info/index.php/JFAS/article/view/507</a>
Adaptive non-linear high gain observer based sensorless speed estimation of an induction motor	2nd	Journal of the Franklin Institute	2020	<a href="https://www.sciencedirect.com/science/article/abs/pii/S0016003220304361">https://www.sciencedirect.com/science/article/abs/pii/S0016003220304361</a>

## 2. International Communications:

Edited acts and procedures				
Communication title	Author's position	Name of the event and place	Year	URL address
On the Dynamic and Steady State Performances of A Vector Controlled DFTSIG In Wind Energy Applications	1st	CIEME'09	2009	Univ. Khemis Miliana

Modeling and control of doubly fed twin stator induction Generators in wind energy applications	1st	WIERA'2	2009	Univ. A. Mira de Bejaia
Analysis and Vector Control of a Cascaded Doubly Fed Induction Generator in Wind Energy Applications	1st	Workshop International en physique INWOP'10	2010	Centre. Univ, El oued
Performances Study of the CDFIG Associated to the Variable Speed Wind Turbine Connected to the Grid	1st	CEE'10	2010	Univ. Batna
Analysis, Modeling and Control of Cascaded Doubly-Fed Induction Generators for Wind Turbines	1st	CEE'10	2010	Univ. Batna
Modelling and Control of Wind Energy Conversion System Equipped with BDFIG	1st	10 ICEEA	2010	Univ-Bejaia
Performance Enhancement of a wind energy conversion System based on Brushless doubly fed induction machine Using PI Controller	1st	ICEO'13	2013	Univ. Ouergla
Fuzzy logic control of brushless doubly fed induction generator for wind energy conversion	1st	CGE'08	2013	Ecole Militaire Poly
Dynamic Response Improvement of Brushless Doubly Fed Induction Generator-Based Wind Farm Using Fuzzy PID Controller	1st	3rd ICIPEE	2014	Univ-Tebessa
Sensorless control of switched reluctance machine based on nonlinear observer and fuzzy logic controller	2nd	International Conference on Recent Advances in Electrical Systems	2016	<a href="http://journal.esrgroups.org/jes/iceedt/icraesCD/ICRAESfinalpapers/ICRAES_2016_paper_89.pdf">http://journal.esrgroups.org/jes/iceedt/icraesCD/ICRAESfinalpapers/ICRAES_2016_paper_89.pdf</a>
Impact of transformer impedance on squirrel-cage induction motors behavior during symmetrical and unsymmetrical voltage sags	1st	2017 5th International Conference on Electrical Engineering -	2017	<a href="https://ieeexplore.ieee.org/document/8192217">https://ieeexplore.ieee.org/document/8192217</a>

		Boumerdes (ICEE-B)		
Nonlinear optimal control for Synchronous Reluctance Machines	6th	2017 11th IEEE International Conference on Compatibility, Power Electronics and Power Engineering (CPE-POWERENG)	2017	<a href="https://ieeexplore.ieee.org/document/7915239">https://ieeexplore.ieee.org/document/7915239</a>
Implementation of a fuzzy logic speed controller for a permanent magnet dc motor using a low-cost Arduino platform	1st	2017 5th International Conference on Electrical Engineering - Boumerdes (ICEE-B)	2017	<a href="https://ieeexplore.ieee.org/document/8192218">https://ieeexplore.ieee.org/document/8192218</a>
Sensorless IPM synchronous motor using high order sliding mode technique with finite time rotor position observer	3d	2017 5th International Conference on Electrical Engineering - Boumerdes (ICEE-B)	2017	<a href="https://ieeexplore.ieee.org/document/8192113">https://ieeexplore.ieee.org/document/8192113</a>
High Gain Observer with Updated Gain for Sensorless Induction Motor	2nd	2018 International Conference on Electrical Sciences and Technologies in Maghreb (CISTEM)	2018	<a href="https://ieeexplore.ieee.org/document/8613465">https://ieeexplore.ieee.org/document/8613465</a>
Model Predictive Control for Shunt Active Power Filter Under Both Balanced and Unbalanced Grid Conditions	3d	2018 International Conference on Communications and Electrical Engineering (ICCEE)	2018	<a href="https://ieeexplore.ieee.org/document/8634476">https://ieeexplore.ieee.org/document/8634476</a>
High Gain Observer-Based MRAS for Speed Estimation of Solar Fed Induction Motor for Water Pumping	1st	2nd International Symposium on Electronic Engineering, Information Technology & education 12-14 of October 2020, Chania, Crete, Greece	2020	<a href="https://eeite2020.hmu.gr/programm/">https://eeite2020.hmu.gr/programm/</a>

Comparison Study Between Improved JAYA and Particle Swarm Optimization PSO Algorithms for Parameter Extraction of Photovoltaic Module Based on Experimental Test	2nd	International Conference in Artificial Intelligence in Renewable Energetic Systems	2020	<a href="https://link.springer.com/chapter/10.1007/978-3-030-63846-7_21">https://link.springer.com/chapter/10.1007/978-3-030-63846-7_21</a>
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### 3. National communications:

Nationals communications				
Communication title	Author's position	Name of the event and place	Year	Adresse URL
طرق ووسائل التعليم وتقنيات الاعلام والاتصال	1st	تنمية مهارات الاسناد الجامعي حديث التوظيف	2017	<a href="https://www.univ-eloued.dz/index.php/activites-de-la-cellules/3287-competences-programme-de-developpement-d-un-professeur-d-universite-de-l-emploi-moderne">https://www.univ-eloued.dz/index.php/activites-de-la-cellules/3287-competences-programme-de-developpement-d-un-professeur-d-universite-de-l-emploi-moderne</a>
Predictive current control—a simple method to control three-phase inverter	4th	JSSE'18	2018	<a href="http://www.enp-constantine.dz/jsse18/?lang=en">http://www.enp-constantine.dz/jsse18/?lang=en</a>
Contribution à la commande sans capteur mecaique de la machine asynchrone	2nd	Colloque Doctorale 2018	2018	<a href="https://www.univ-eloued.dz/fr/index.php/26-universite2/univ-2/1179-1er-colloque-international">https://www.univ-eloued.dz/fr/index.php/26-universite2/univ-2/1179-1er-colloque-international</a>
control of three-phase pwm rectifier using P DPC models	4th	ISTSID'19	2019	<a href="https://www.univ-eloued.dz/index.php/2012-09-19-10-35-32/26-c-universite/c-forums/8145-istsid2019">https://www.univ-eloued.dz/index.php/2012-09-19-10-35-32/26-c-universite/c-forums/8145-istsid2019</a>

### 4. Other research activities:

Responsible or member of a research project			
Type of project	Quality	Project title	Year
CNEPRU	Member	contribution à l'etude des systèmes electrotechniques en vue de son application dans le domaine de l'energie eolienne	2015-2018
PRFU	responsible	Etude, Développement et Expérimentation d'un Système Autonome Hybride Photovoltaïque Eolien pour Applications Agricoles	2018-2022
PNR	responsible	Observation pour une approche globale de la commande et du	2019-2021

		diagnostic des systèmes d'entrainements Electriques	
Scientific animation			
Symposium, seminar, study day,	Quality	URL	Date
The First International Conference on Communications, Control Systems and Signal Processing	member of the scientific committee	<a href="https://www.univ-eloued.dz/CCSSP2020/">https://www.univ-eloued.dz/CCSSP2020/</a>	16/03/2020
international conference on communications and electrical engineering	Chairman of the Scientific Committee	<a href="https://www.ieee-dz.org/past-conferences.php">https://www.ieee-dz.org/past-conferences.php</a>	17/12/2018
Accord de coopération culturelle et scientifique entre l'Université de Florence et l'Université d'El oued	Coordinator	<a href="https://www.univ-eloued.dz/images/DOC/%D9%85%D9%84%D8%AE%D8%B5_%D8%A7%D8%AA%D9%81%D8%A7%D9%82%D9%8A%D8%A9_%D8%AC%D8%A7%D9%85%D8%B9%D8%A9_%D9%81%D9%84%D9%88%D8%B1%D9%86%D8%B3%D8%A7.pdf">https://www.univ-eloued.dz/images/DOC/%D9%85%D9%84%D8%AE%D8%B5_%D8%A7%D8%AA%D9%81%D8%A7%D9%82%D9%8A%D8%A9_%D8%AC%D8%A7%D9%85%D8%B9%D8%A9_%D9%81%D9%84%D9%88%D8%B1%D9%86%D8%B3%D8%A7.pdf</a>	24/12/2017
Workshop on How to Publish in High Impact factor Journals	member of the organizing committee	<a href="https://www.univ-eloued.dz/index.php/homepage-10/71-c-faculte-science-naturel-et-vie/depdroit-7/7669-ueuh-2">https://www.univ-eloued.dz/index.php/homepage-10/71-c-faculte-science-naturel-et-vie/depdroit-7/7669-ueuh-2</a>	08/11/2018
International Symposium on technology and sustainable industry development	member of the scientific committee	<a href="https://www.univ-eloued.dz/index.php/2012-09-19-10-35-32/26-c-universite/c-forums/8145-istsid2019">https://www.univ-eloued.dz/index.php/2012-09-19-10-35-32/26-c-universite/c-forums/8145-istsid2019</a>	24/02/2019
seminaire national sur la technologie des materiaux et application	member of the organizing committee	<a href="https://www.univ-eloued.dz/images/adab/Log2018/d%C3%A9pliant_5.pdf">https://www.univ-eloued.dz/images/adab/Log2018/d%C3%A9pliant_5.pdf</a>	25/02/2018
seminaire national sur le laser solaire et materiaux	member of the organizing committee	<a href="https://www.univ-eloued.dz/index.php/26-c-universite/c-forums/5817-la-technologie-3">https://www.univ-eloued.dz/index.php/26-c-universite/c-forums/5817-la-technologie-3</a>	05/02/2018
la premier journée d'étude sur les reseaux electriques	member of the organizing committee	<a href="https://www.univ-eloued.dz/index.php/70-c-facult-technologie/depdroit-7/6181-journee-d-etude-sur-les-reseaux-electriques">https://www.univ-eloued.dz/index.php/70-c-facult-technologie/depdroit-7/6181-journee-d-etude-sur-les-reseaux-electriques</a>	15/03/2018
International Symposium on	member of the organizing	<a href="https://www.univ-eloued.dz/index.php/2012-09-19-10-35-32/26-c-universite/c-forums/">https://www.univ-eloued.dz/index.php/2012-09-19-10-35-32/26-c-universite/c-forums/</a>	24/02/2019

technology and sustainable industry development	committee	8145-istsid2019	
conferecne on adaptive teacher for n-link rigid robotic manipulators via sliding mode control	participation	webinar site	20/07/2020
دورة تكوينية بعنوان التقييم الذاتي 2017	participation	<a href="https://www.univ-eloued.dz/index.php/cellule-qualite">https://www.univ-eloued.dz/index.php/cellule-qualite</a>	12/04/2017
The International Conference on Sustainable, Renewable Energy Systems and Applications	member of the scientific committee	<a href="http://www.univ-tebessa.dz/conf/ICSRESA19.html">http://www.univ-tebessa.dz/conf/ICSRESA19.html</a>	04/12/2019
تنمية مهارات الاساذ الجامعي حديث التوظيف	محاضر حول طرق ووسائل التعليم وتقنيات الاعلام والاتصال	<a href="https://www.univ-eloued.dz/index.php/activites-de-la-cellules/3287-competences-programme-de-developpement-d-un-professeur-d-universite-de-l-emploi-moderne">https://www.univ-eloued.dz/index.php/activites-de-la-cellules/3287-competences-programme-de-developpement-d-un-professeur-d-universite-de-l-emploi-moderne</a>	07/02/2017
يوم اعلامي حول الدراسة في المجر	member of the organizing committee	<a href="https://www.univ-eloued.dz/index.php/8-c-universite/3726-bourse-pour-etudier-en-hongrie-pour-les-etudiants-en-suspens">https://www.univ-eloued.dz/index.php/8-c-universite/3726-bourse-pour-etudier-en-hongrie-pour-les-etudiants-en-suspens</a>	05/03/2017
conference sur la commande non lineaire	member of the organizing committee	<a href="https://www.univ-eloued.dz/">https://www.univ-eloued.dz/</a>	01/12/2017
Visite scientifique	member of the organizing committee	<a href="https://www.univ-eloued.dz/index.php/fs">https://www.univ-eloued.dz/index.php/fs</a>	02/01/2017
Visite de la centrale de production electrique	member of the organizing committee	<a href="https://www.univ-eloued.dz/index.php/fs">https://www.univ-eloued.dz/index.php/fs</a>	09/03/2017
Conference sur les techniques d'irrigation intelligente pour une agriculture durable à El Oued	member of the organizing committee	<a href="https://www.univ-eloued.dz/index.php/fs">https://www.univ-eloued.dz/index.php/fs</a>	02/05/2017
1st International Conference on Technological	member of the scientific committee	<a href="http://www.ictasi.org/committee.html">http://www.ictasi.org/committee.html</a>	21/03/2019

Advances of Sensors and Instrumentation			
first international conference on electrical, electronics and control engineering	member of the scientific committee	<a href="http://csen2016.org/2017/RTEE/program.html">http://csen2016.org/2017/RTEE/program.html</a>	20/12/2016
<b>Expertise, member of the reviewing committee</b>			
<b>Entitled</b>	<b>Applicant structure or organization</b>		<b>Year</b>
Member of university accreditation defense juries (Examiner) for the Mr Ajego riad	University of El Oued		2018
Member of juries for the defense of doctoral theses (examiner) for Mr Serhoud Hichem	University of El Oued		2018
members of the candidate files evaluation committee	University of El Oued		2017
Paper expertise for internationally renowned journals	Journal of Energy Reports		2020
Paper expertise for internationally renowned journals	Journal of Control, Automation and Electrical Systems		2018
Paper expertise for internationally renowned journals	International Journal of Systems Assurance Engineering and Management		2018
Paper expertise for internationally renowned journals	Journal of Electrical Engineering		2017
Paper expertise for internationally renowned journals	Journal of Energy Efficiency		2017
Expertise of a course support entitled "Main functions of electronics" by Ms. Chahra BOUKAOUS	Université d'El Oued		2016
Member of university habilitation defense juries (Examiner)	Université de Ouergla		2018
Post -Graduation supervision	Université d'El Oued		Depuis 2016
<b>Administrative responsibilities or chairmanship of scientific and educational evaluation bodies</b>			

### 1. Presidency of educational and scientific evaluation bodies

Responsibility position	Start date	End date	Structure
Member of the CEIL training committee	03/09/2015	07/11/2020	University of El Oued
Chairman of the educational committee	01/09/2016	05/07/2017	Faculty of Technology, University of El Oued
Member of the disciplinary council	01/09/2016	05/07/2017	Faculty of Technology, University of El Oued
Chairman of the educational committee	01/09/2018	05/07/2019	Faculty of Technology,

			University of El Oued
Member of the self-evaluation committee of the university	16/03/2017	Nowadays	University of El Oued
Member of the university's quality assurance committee	05/10/2016	Nowadays	Faculty of Technology, University of El Oued
Member of the faculty's scientific committee	01/04/2018	Nowadays	Faculty of Technology, University of El Oued
Member of the university's scientific committee	09/05/2018	Nowadays	University of El Oued
Member of a doctoral training team by specialty: Optimization and energy management	27/07/2017	15/07/2018	Faculty of Technology, University of El Oued
Member of a doctoral training team by specialty: Optimization and energy management	16/07/2018	01/07/2019	Faculty of Technology, University of El Oued
Member of a doctoral training team by specialty: Optimization and energy management	16/07/2019	01/07/2020	Faculty of Technology, University of El Oued
Team member of Electrical Systems Applied to Renewable Energies	Abril 2013	Nowadays	LEVRES laboratory, University of El Oued
Member of the Technical Evaluation Committee	24/02/2020	24/02/2020	University of El Oued
Member of the Technical Evaluation Committee	24/02/2020	24/02/2020	University of El Oued

## 2. Administrative responsibilities

Responsibility position	Start date	End date	Structure
Head of the electrical engineering department	01/09/2015	29/09/2016	Faculty of Technology, University of El Oued

Date: July 7, 2021