

MOHAMED EL MALKI



- **Status :** Temporary professor, Mohamed First University Oujda, Morocco & Executive Officer of Eudoxia Research Centre, India
- **Address :** Hay Essalam Aouinet Sarrak, Rue C18 N19, 60000 Oujda, Morocco
- **ORCID :** <https://orcid.org/0000-0002-9571-3964>
- **RG :** https://www.researchgate.net/profile/EL_Malki_Mohamed
- **Email :** m.elmalki100@gmail.com
- **Phone :** +212 618-306925

Motivation :

An enthusiastic, adaptive and fast-learning person with a broad and acute interest in the discovery of new innovative acoustic filters, I particularly enjoy collaborating with scientists from different disciplines to develop new skills and solve new challenges.

Experience

Part-time Professor - Mohammed First University, FSO Oct - Nov, 2019

- Practical work of Optics for SVT S1 students
- Total charge of 24 hour

Investigator - As part of the Ille-Oujda cooperation 26, 28, 30 Jul-01 Aout 2019

- Participation as an Investigator in the awareness campaign on sustainable energy in buildings as part of the citizenship axis of the Decentralized Cooperation Project for Sustainable Energy (PCD-ED), Oujda. Theme : Renewable energies and Energy Efficiency of buildings

Part-time Professor - Mohammed First University, FSO Mar - Jun, 2019

- Practical work of Electricity for SMIA S2 students
- Total charge of 27 hour

Observer Professor - Mohammed First University, FSO Oct - Nov, 2018

- Practical work of Electricity for SMC-SMA S3 students
- Total charge of 27 hour

Observer Professor - Mohammed First University, FSO Oct - Nov, 2018

- Practical work of Material Physics for SMP S5 students
- Total charge of 32 hour

Professor - Tutoring courses Oct, 2017 - Jun, 2018

- Physics courses
- Students of the 1st and 2nd year baccalaureate, Option : experimental science and physics

Graduation internship - Mohammed First University, FSO

Mar – Sept, 2016

- Laboratory of Dynamics and Optical Materials
- Topic : Study of periodic networks of one-dimensional acoustic waveguides : Application to resonators

Education

Ph.D Student - Mohammed First University, FSO

2016 – Present

- In process of submitting the Doctoral Thesis : Study of periodic networks of one-dimensional acoustic waveguides by the Transfer Matrix Method and the Interface Response Function Method (IRF)
- Laboratory of Materials, Waves, Energy and Environment, Department of Physics, Faculty of Sciences Oujda, Morocco

Master Degree in Optics & Materials - Mohammed First University, FSO

2014 – 2016

- Master Thesis : Study of periodic networks of one-dimensional acoustic waveguides : Application to resonators
- Laboratory of Dynamics and Optical Materials

Bachelor's degree - Mohammed First University, Morocco

2011 - 2014

- Physical Sciences
- Option : Waves & Materials

Bachelor's degree in Physical Sciences - University Lille I-ST, France

2011-2014

- The Double Bachelor's degree is part of the Lille-Oujda agreement
- Option : Waves & Materials

High School Diploma - Abi Inane High School

2011

- The Double Bachelor's degree is part of the Lille-Oujda agreement
- Option : Life & Earth Sciences

Scientific Publications (6)

M. El Malki - Co-Author(s) :A. Khettabi

2020

- Article title : Sound transmission through periodic acoustic resonators in presence of two defects
- Submitted to Wave Motion Journal (Elsevier, Scopus)

M. El Malki - Co-Author(s) :A. Khettabi

2020

- Article title : Defects in a periodic structure formed by two different side-branches grafted in series
- IJAST, vol. 29, no. 8s, pp. 3330-3340, Apr. 2020, (Elsevier, Scopus)

M. El Malki - Co-Author(s) :A. Khettabi

2019

- Article title : Application of the interface response theory to a periodical expansion chambers
- AIP Conference Proceedings. Vol. 2074. No. 1. AIP Publishing, 2019, DOI : 10.1063/1.5090642, (Scopus)

M. El Malki - Co-Author(s) :A. Khettabi

2017

- Paper title : Study of various periodic acoustic lattices by two methods : Transfer matrix and Green's method
- Proceedings of International Conference on Electrical and Information Technologies, ICEIT 2017, 2018-January, pp. 1-3, IEEEExplore, DOI : 10.1109/EITech.2017.8255269, (Scopus)

A. Khettabi - Co-Author(s) :**M. El Malki**

2017

- Paper title : Analytical study by transfer matrix and Green's method of a periodic lattice formed by dual Helmholtz resonators (DHR)
- Proceedings of International Conference on Electrical and Information Technologies, ICEIT 2017, 2018-January, pp. 1-3, IEEEExplore, DOI : 10.1109/EITech.2017.8255268, (Scopus)

A. Khettabi - Co-Author(s) : D. Bria & **M. El Malki**

2017

- Article title : New approach applied to analyzing a periodic Helmholtz resonator
- JOURNAL OF MATERIALS, 2017, Vol. 8, No 3, pp. 816-824 , (Scopus)

Conferences (17)

M. El Malki - Co-Author(s) :-

June 19-20, 2020

- Abstract title : Defects in a new periodic side branches
- BILTEK CONFERENCE-III on Current Studies on Science, Technology & Social Sciences, Adana, Turkey

M. El Malki - Co-Author(s) :-

July 06-07, 2020

- Abstract title : Helmholtz resonators array with a geometrical defect
- The International African Conference on Current Studies of Science, Technology & Social Sciences, Johannesburg, South Africa

M. El Malki - Co-Author(s) :-

June 27-28, 2020

- Abstract title : Dual Helmholtz Resonator network with defects
- World Summit on Basic And Applied Sciences, Mathematics And Engineering Research (ASMER2020), organized by World Mathematics Association (WMA) & powered by Eudoxia Research Centre, India

M. Arabi - Co-Author(s) : S. Chaoui, N. Hammouda, **M. El Malki**, M. Makkaoui, L. Mechkirrou, M. Slamini, N. Taibi

Apr 29-30, 2020

- The Online International Conference on Application of SPSS and Statistical Data Analysis, organized by Eudoxia Research Centre, India
- Abstract title : Diagnosis of the citizen contribution to solid waste management projects through selective sorting, Case of the city of Oujda, Morocco

M. El Malki - Co-Author(s) :-

Apr 25-26, 2020

- The 8th edition of International Conference on Innovation and Modern Applied Science, Poitiers, France
- Abstract title : Dual Helmholtz resonators system with a defect

M. El Malki - Co-Author(s) :-

Apr 17-19, 2020

- 4th Asia International Multidisciplinary Conference (AIMC'2020), Universiti Teknologi Malaysia, Johor Bahru, Malaysia
- Abstract title : Defects in a periodic structure formed by two different Resonators

M. El Malki - Co-Author(s) : A. Khettabi

Feb 27-28, 2020

- Conference on Engineering Systems Design and Optimization (CESDO'2020), G.H. Raisonni College of Engineering & Management Chas, Ahmednagar, India
- Abstract title 1 : Defects in a periodic structure formed by two different side branches grafted in series
- Abstract title 2 : Acoustic wave propagation through periodic dual Helmholtz resonators with a defective closed side branch
- Abstract title 3 : Effect of a defective open side branch on periodic dual Helmholtz resonators
- Abstract title 4 : Defect mode in periodic dual Helmholtz Resonators
- Abstract title 5 : Dual Helmholtz resonator array with a geometrical defect

M. El Malki - Co-Author(s) : A. Khettabi

Dec 28-29, 2019

- The 7th of the International Conference on Scientific Research and Doctoral Studies "Innovation and Modern Applied Science" (ICIMAS'7th), Faculty of Sciences Kenitra, Morocco
- Abstract title : Defect in a periodic structure formed by two serial resonators

M. El Malki - Co-Author(s) : A. Khettabi

Nov 29-30, 2019

- The First International Meeting (MNIA'2019) under the theme : Materials, Nano-Objects, Innovation & Applications, Faculty of Sciences Oujda, Morocco
- Abstract title 1 : Defects in a periodic Helmholtz resonators array
- Abstract title 2 : Sound reduction by periodic dual Helmholtz resonators

M. El Malki - Co-Author(s) : A. Khettabi

Nov 15-17, 2019

- The 2nd edition of the Afro-Mediterranean Days on Multidisciplinary Research and Applications (RMA'2019), ISPITS-Rabat, Morocco
- Abstract title : Acoustic wave transmission through side branches structure with defect

M. El Malki - Co-Author(s) : A. Khettabi

Oct 14-16, 2019

- The First edition of Oriental Environmental Day (JOE1'2019), CERHSO Oujda, Morocco
- Abstract title 1 : Acoustic wave propagation in one-dimensional periodic structure formed by grafted resonators containing a defect
- Abstract title 2 : Noise reduction using a periodic structure formed by grafted closed resonators containing a defect

M. El Malki - Co-Author(s) : A. Khettabi

Jul 30-31, 2019

- The International Conference of Scientific Research and Doctoral Studies "Innovation and Modern Applied Science" (ICI-SRDS'6th), National School of Applied Sciences Fez, Morocco
- Abstract title : Acoustic wave propagation in quasi-one-dimensional system with resonators

M. El Malki - Co-Author(s) : I. Antraoui, & A. Khettabi

Feb 7, 2019

- Doctoral Day, Faculty of Sciences Oujda, Morocco
- Abstract title : Bang gaps of two different periodic expansion chambers

M. El Malki - Co-Author(s) : A. Khettabi

Oct 26-27, 2018

- The 2nd International Conference on Applied Mathematics, National School of Applied Sciences Fes, Morocco
- Abstract title : Study of one-dimensional periodic expansion chambers : Application of the interface response theory

A. Khettabi - Co-Author(s) : **M. El Malki**

Nov 15-18, 2017

- The 3rd International Conference on Electrical and Information Technologies (ICEIT), ENSET Rabat, Morocco
- Abstract title 1 : Study of one-dimensional periodic expansion chambers : Application of the interface response theory
- Abstract title 2 : Study of various periodic acoustic lattices by two methods : Transfer matrix and Green's method

A. Khettabi - Co-Author(s) : D. Bria, and **M. El Malki**

Dec 1-3, 2017

- The 1st International Conference on Materials and Environmental Science (ICMES), Compus du Savoir, Oujda, Morocco
- Abstract title : New approach applied to analyzing a periodic Helmholtz resonator

Organized Conferences/Workshops

Science Board Member - Trabzon, Turkey

Aug 21-22, 2020

- The upcoming EURO ASIA 7th. INTERNATIONAL CONGRESS ON APPLIED SCIENCES "Mathematics - Engineering- Science and Medical Studies"
- I am part of the international scientific committee member

International Committee Member - Xi' an, China

Aug 7-9, 2020

- The upcoming International Conference on Electrical Technology and Automatic Control (ICETAC2020)
- I am part of the international committee member

International Coordinator - TOSDA2020, India

Jun 11-Jul 10, 2020

- The International Live Training Program on Application of SPSS for Data Analysis (TOSDA2020)
- Organized by Eudoxia Research Centre, India

International Coordinator - ASMER2020, India

June 27-28, 2020

- World Summit on Basic And Applied Sciences, Mathematics And Engineering Research
- Organized by World Mathematics Association (WMA) & powered by Eudoxia Research Centre, India

Organizing Committee Member - CERHSO Oujda, Morocco

Dec 10-11, 2020

- The second edition of the upcoming Oriental Environmental Day
- I am the manager of the stand workshops and the designer of the conference materials (Certificates & Abstract proceeding)

International Organizing Committee Member - India

May 06-07, 2020

- The World Summit On Social Sciences And Humanities (SOSH2020). Organized By ISRA, ICLLR & powered by Eudoxia Research Centre
- I am working as EO and designer of posters

International Organizing Committee Member - India

May 30-31, 2020

- The World Summit On Medical Sciences, Pharmaceutical Sciences And Nursing Sciences Research (WOMPAN2020). Organized By ISRA, ICLLR, Eudoxia Research Centre & powered by Eudoxia Research Centre
- I am working as EO and designer of posters

International Organizing Committee Member - Eudoxia Research Centre

May 16-17, 2020

- Two Days Online International Training on Research Manuscript Drafting and Publishing
- I worked as EO and designer of posters

International Organizing Committee Member - Eudoxia Research Centre

Apr 29-30, 2020

- The Online International Conference on Application of SPSS and Statistical Data Analysis
- I worked as EO and designer of posters

International organizing committee member - Poitiers, France

25-26 Avr, 2020

- The 8th edition of International Conference on Innovation and Modern Applied Science 'Technology & Management'
- Preparation of the Abstract Proceeding

Publication Coordinator - Kenitra, Morocco

Dec 28-29, 2019

- The 7th edition of International Conference on Innovation and Modern Applied Science
- Preparation of the proceeding of abstract for the International Journal of Innovation and Modern Applied Science

Organizing Committee Member - Faculty of Sciences, Morocco

Nov 29-30, 2019

- The First International Meeting under the theme : Materials, Nano-Objects, Innovation & Applications
- I was the manager of the poster session and the designer of the certificates

Organizing Committee Member - CERHSO Oujda, Morocco

Oct 14-16, 2019

- The First edition of Oriental Environmental Day
- I was the manager of stand workshops and the designer of the conference materials (Certificates & Abstract proceeding)

Organizing Committee Member - Oujda Higher School of Technology

Apr. 04, 2018

- Workshop on monitoring of siltation of Moroccan dams
- Morocco

Organizing Committee Member - Faculty of Sciences

2017-2018

- Workshop series : ArcGIS, SPSS, HPLS, Entreprenuria, Mendeley, Office
- The PhD Students Club for Research and Development (CDRDO) in collaboration with CEDoc-ST

Membership & Awards

Reviewer Team Member - scientific.net (Scopus)

Jul 20, 2020 - Now

- Publisher in Materials Sciences & Engineering. Address : Kapellweg 8, CH-8806 Baech, Switzerland
- URL : <https://main.scientific.net/editingtool/reviewer/home>

Editorial Team Member - International Science Review

June 21, 2020 - Now

- 3112 Jarvis Avenue, Warren, MI, 48091 USA
- URL : https://sriopenjournals.com/index.php/international_science_review/about/editorialTeam

Global Executive Member - International Council of Applied Science Research (ICASR)

May 14, 2020 - Now

- International Centre for Research and Innovation
- Eudoxia Education Private Limited, India

The Best Oral Presentation Award - ICIMAS'8th, Poitiers, France

Apr 25–26, 2020

- The 8th edition of International Conference on Innovation and Modern Applied Science
- Abstract title : Dual Helmholtz resonators system with a defect

Consultant - The Association of Scientific Research & Doctoral Studies (ARSED)

Oct, 2019 - Now

- Objective : ARSED is a unique scientific organization that aims to develop the skills of acquiring scientific knowledge among researchers. It also aims to create opportunities for international knowledge exchange across international conference platforms and scientific journals
- Kenitra, Morocco

Consultant - Association Y.E.S Green Morocco

Sept, 2018 - Now

- Objective : support, train and accompany young people to create their own projects in the green world by keeping the approach of environmental engineering and sustainable development
- Oujda, Morocco

Silver Award - The American Language Center

Oct, 2018 - Jun, 2019

- Outstanding Accomplishment and Service as a Valued Volunteer Dedicated to Tutoring Students and Monitoring Tutors
- The Orphanage of Oujda

Consultant - Nature & Heritage Association

July, 2018 - Now

- Objective : it is an apolitical non-profit association which works in the Oriental Region for the protection of the environment, the enhancement of the natural heritage, the contribution to sustainable development and the dissemination of scientific culture widely. used in awareness actions.
- Address : Bd. Mohammed VI-, Rue Dakhla, Oujda, Morocco

Member - Doctoral Club for Research & Development

Sept, 2018 - Now

- Objective : organizing of workshops and seminars for Ph.D student
- Faculty of Sciences, Mohammed First University, Oujda, Morocco

Certifications

Air Pollution, Global Warming, Climate Change, Society and Sustainability

July 5, 2020

- Maduravoyal, Chennai

- Excelssior Education Society's
- Organized by K. C. College of Engineering & Management Studies & Research Approved by AICTE & Affiliated to University of Mumbai

One day Faculty Development Program - Maduravoyal, India

May 9, 2020

- Challenges in Building Collaborations in Research and Innovation
- Organized by Faculty of Humanities and Sciece, Adayalampattu Phase-II campus & AKC

The workshops serie - Maduravoyal, Chennai

May 19-23, 2020

- One Week National Level Online FDP for Trainers on Mastering the Art of Handling Post Covid Challenges for Sustainable Development
- Organized by Faculty of Humanities and Sciece, Adayalampattu Phase-II campus

A Two-day e-Faculty Development Program - Maduravoyal, India

May 29, 2020

- Virtual Teaching- Learning MOODLE the efficient way
- Organized by Faculty of Humanities and Sciece, Adayalampattu Phase-II campus in association with the Institution of Engineers (India)

The workshops serie - ICIMAS'8th, Poitiers, France

2020

- Communication Teaching Techniques Videos, Economic Changes Expected Because of COVID 19

The workshops serie - ICIMAS'8th, Poitiers, France

2020

- Distance Learning Techniques (Virtual Class), What Strategies to Memorize Vocabulary Effectively, Information Systems Security Information Processing Aspects

The workshops serie - ICIMAS'8th, Poitiers, France

2020

- Research Methodology in Economic Sciences and Management, How to conceptualize a theoretical mosaic in Management Sciences, Personality Analysis in Evaluating The Personnel of A Company

Online Conference workshop - ICSSA

2020

- The Online International Conference on Application of SPSS and Statistical Data Analysis
- Organized by Eudoxia Research Center, India

The Online International Workshop On Research And Methodology - WO-RAM

2020

- Organized by Eudoxia Research Center
- India

The Web of Science training - FSO

2020

- Faculty of Sciences Oujda
- Morocco

The journey of the local resource preservation - FSO

2020

- Gafait Town and Thermo-Electric Station
- Ain Beni Metha, Jerada, Morocco

The workshops serie - ICIMAS'7th, Kenitra, Morocco

2019

- Progress Techniques in Scientific English, Scientific Research Methodology, The Best Ways to Learn English, Scientific Writing
- Data Analysis with R, Structural Equation Modeling using SmartPLS

The series of training courses on Arab-Muslim culture in Morocco - FSO

2019

- Mohammed First University
- Morocco

The online course : The basics of acoustics : the voice in all its forms - Le

2019

- Mans University
- France
- MOOC course

The Information Meeting on the services of the CNRST - Mohammed First

2019

- University
- Faculty of Legal, Economic and Social Sciences Oujda
- Moroco

The Mediterranean Cleanshores operation - Cap de l'Eau Beach

2019

- Paricipation in the 1st & the 2nd Campaign
- Oujda Morocco

Office tools - Mohammed First University

2018

- Word & PowerPoint
- Faculty of Sciences Oujda

Series of training courses - Certificates of excellence

2018

- Research data management, Fundamentals of manuscript preparation, Writing skills, Technical writing skills, Funding and Fundamentals of publishing
- Elsevier

Virtual Experimentation Workshop - FSO

2018

- Certificate of Organization
- Morocco

Introduction to Labview for research workshop - ENSET-Rabat

Nov 15, 2017

- the Third Edition of the International Conference on Electrical and Information Technologies (ICEIT2017)
- Morocco

Workshop - Children's education techniques

2017

- The Space of Associations training
- Oujda, Morocco

The General Skills and Specific Skills training in a disciplinary field - Mohammed First University

2017

- Faculty of Sciences Oujda
- Morocco

Research Tools and Bibliographic Management Training - MENDELEY Software

2017

- Faculty of Sciences Oujda
- Morocco

The Language Learning Through Cross-Cultural Exchange training - FSO, Morocco

2017

- Certificate of participation
- SUNY ULSTER + Mohammed First University

Particle Physics at CERN LHC Seminar - Faculty of Sciences Oujda

2017

- Issues and challenges of accelerators and detectors
- Morocco

The Anti-Plagiarism training - Faculty of Sciences

2017

- Certificate of participation
- Morocco

Workshops serie - Faculty of Sciences

2017

- Document preparation with LaTeX - Poster presentation - Dynamic oral presentation - University pedagogy
- Morocco

Workshop - New IT Research Trends

2017

- Faculty of Sciences
- Morocco

Workshops serie - Faculty of Sciences

2017

- New IT Research Trends
- Morocco

Pedagogy and didactics and the challenges of education and training - -

2017

- Faculty of Letters and Human Sciences, Oujda
- Morocco

Workshop - Documentary research and Bibliographic Management

2017

- Faculty of Sciences
- Morocco

Skills and Interests

Languages skills : _____

Arabic : Native
French : Intermediate
English : Intermediate
Spanish : Beginner

Computer skills : _____

Word, Excel, PowerPoint
Programation C/C++, MathLab, Fortran
SigmaPlot, OriginLab, Optisystem, MEFiSTo-2D classic
