Curriculum vitæ

Dr : Daïra Radouane

1- Marital Status:

Daïra Radouane
Nationality: Algerian
Algeria
E.mail : daira_radouane@yahoo.fr

2- Attachment Structure:

Department of Material Sciences
Faculty of science
University of Skikda

3- Post university: PHD (Doctor) option optic

1994-1999: Engineering degree in the optical and mechanical precision, option: optoelectronic.

1999-2002: magister degree in optical and mechanical precision, option: optical technique.

2002-2010: Science doctoral degree in physics, option Condensed mater

theme: **Study of mounting based on a device to the optical characterization of the damage induced in transmission Materials within the bandwidth of a laser.**

4- Scientific Activity:

Editorial Board on:

Journal of Control Science and Engineering

Reviewer on:

IEEE/OSA Journal of Lightwave Technology

Internationals Publications:

- **R.Daira,** B.Boudjema 'Application of optical method in chemical process as corrosion', phys.chem.news PCN, volume 68, pp 36-41.2013.

- M. Mordjaoui, M. Chabane, B. Boudjema and **R. Daira** 'Qualitative Modelling for ferromagnetic hysteresis cycle', international journal of electrical, computer and systems engineering, volume: 01 N° 01 pp 50-56. 2007

- M. Mordjaoui, M. Chabane, B. Boudjema and **R. Daira** ' Adaptive Neuro-Fuzzy Inference system for modeling magnetic hysteresis', Asian Journal of Information Technologie 6 (1): pp: 95-101, 2007.

- M. Mordjaoui, M. Chabane, B. Boudjema and **R. Daira** ' Qualitative ferromagnetic hysteresis modeling', Journal of computer science, volume 3(6), pp : 399-405, 2007.

- M. Mordjaoui, B. Boudjema , M. Chabane, et **R. Daira** ' Qualitative modeling for ferromagnetic hysteresis cycle', Proceeedings world academy of sciences, engineering and technology, volume 21, 425-431, 2007.

Internationals Conferences:

- **R. Daïra**, B. Boudjema, A. Medjahed, D. Abdi 'Etude des propriétés du matériau du duralumin par interférométrie speckle electronique', Colloque international sur les énergies renouvelables (CER-2007), Oujeda-Maroc, May, 4-5, 2007.

- M. Mordjaoui, M. Chabane, B. Boudjema, **R. Daïra** 'Hysteresis modeling with adaptive neuro-fuzzy inference system', International Meeting on Materials for Electronic Applications (IMMEA-2007), Merrakech-Maroc, April 30th to Mai 2nd, 2007.

- M. Mordjaoui, B. Boudjema, M. Chabane et **R. Daïra** ' Qualitative Modelling for ferromagnetic hysteresis cycle', XXI international conference on computer, electrical, and systems science, and engineering, pp 411-417 , Vienna Austria 25-27 Mai 2007.
  (Site Web: http//www.Waset.org/)

- M. Mordjaoui, M. Chabane, B. Boudjema, **R. Daïra** 'Hysteresis modeling with adaptive neuro-fuzzy inference system', International conference on modeling and simulation (MS'07 Algiers), July 02-04 2007.

- N. Abdelmalek, B. Boudjema, **R. Daira** et M. Mordjaoui.' Space charge limited in organic solid', 1^{eres} journées internationales de physique des matériaux et ses applications, Annaba, 25-27 Nov 2007.

- M. Mordjaoui, M. Chabane, B. Boudjema, **R. Daira**, "A Gath and Geva fuzzy approach for identification of dynamic magnetic Hysteresis for computational magnetic", First International Engineering Sciences Conference IESC'08, 2-4 Aleppo Syria, November 2008.

- B. Boudjema, M. Mordjaoui, **R. Daira**, M. Meziri " Electrical properties of metallophtalocyanine thin films" In the Proceeding of the 2nd International Conference on Electrical Engineering Design and Technologies (ICEEDT'08). Hammamet, Tunisia, 8-10 November 2008.

- M. Mordjaoui, B. Boudjema, **R. Daira**, M. Bouabaz "Identification du comportement hystérétique dynamique des matériaux ferromagnétiques par application de la logique floue", 1er séminaire international sur la maintenance industrielle et la sécurité industrielle. 09-10 Mai 2009. Skikda.

- B. Boudjema, M. Mordjaoui, **R.Daira**, N. Tarfa & M. Bouabaz "The space charge limited conduction in organic materials thin film", 2nd International Meeting on Materials for Electronic Applications (IMMEA), 8-10 Mai 2009, Hammamet Tunis.

- B.Boudjema, M. Mordjaoui, **R.Daira** «New dynamic hysteresis model by means of soft computing approch " .International conference of mathematical sciences. 4-10 august 2009, Maltepe University, Istanbul, turkey.

-B.Boudjema, M. Mordjaoui, M. Bouabaz, **R.Daira**" Magnetic hysteresis modelling from measured data using fuzzy logic" 3nd Conference on Linear Science and complexity, July 28-31, 2010. Ankara, Turkey.

-M. Mordjaoui, B.Boudjema, M. Bouabaz, **R.Daira**" Short term electric load forecasting using neuro-Fuzzy modelling for non linear system identification" 3nd Conference on Linear Science and complexity, July 28-31, 2010. Ankara, Turkey.

Nationals Conferences:

- M. Mordjaoui, B. Boudjema, M. Chabane et **R. Daira** ' Modélisation et simulation de l'hystérésis des matériaux ferromagnétiques', Deuxièmes journées de la physique et de ses applications, Tiaret, 06-08 Mai 2007.

- M. Mordjaoui, B. Boudjema, M. Chabane et **R. Daira** ' Importance de la fonction de distribution dans la modélisation de l'hystérésis magnétique par le modèle de Preisach', 1er séminaire national sur la maintenance et la sécurité industrielle, Skikda 11 et 12 Mars 2007.

- N. Abdelmalek, B. Boudjema, **R. Daira** et M. Mordjaoui.'Study of the space charge limited current in the organic solids', premier séminaire national sur les matériaux et la corrosion, Skikda, 24-25 Nov 2007.

- N. Abdelmalek, B. Boudjema, M. Mordjaoui**, R. Daira** et M. Meziri' General expression for SCLC in system planer geometry with N layers', Conférence national sur les matériaux et l'environnement, Skikda, 01-02 Déc 2007.

- I. Bouannane**,** B. Boudjema, A. Kabir, D. Boulainine, **R. Daira**, G. Schemerber ' Photoluminescence study of native point deffects in spray deposited zinc oxide thin films', 4eme conference nationale sur les rayonnements et leurs applications CNRA 2011, USTHB 25-27octobre 2011.

5- Administrative Activity:

- Member of the scientific committee in department sciences of mater, University of Skikda, algeria
- Responsible physical option in department sciences of mater, University of Skikda, algeria

6- Area of interest;

- Non-destructive testing
- Electronic speckle interferometry
- Holography
- Fiber optic
- Image processing in coherent optical