

Personal Data:

CURRICULUMVITAE

Name: Allan Daraghmeh

DateofBirth: 01/11/1973

Nationality:Palestine

Degree: PhD inphysics(Nanoscience)

Religion:Muslim

E-mail: [allan.d@najah.edu](mailto:allan.d@najah.edu)

[allan.daraghmeh@ub.edu](mailto:allan.daraghmeh@ub.edu)

Tel.:+972599070099

Education:

09/2014 – 7/2017, PhD in physics(Nanoscience) University of Barcelona, Nanostructured Materials and supercapacutors device.

1997 – 2001 Official Master in physics, at An-Najah N. University, Nablus, Palestine

. Tel: +970 9 234 5113, e.mail: info@najah.edu

Thesis title: Measurement of radon gas concentration in Nablus and effect radon decay on lung cancer

1991 – 1995 BSc (Physics) at An-Najah N. University Nablus, palestine

Research Experience:

09/2014 – 8/2017 PhD in (Nanoscience) IN2UB, FEMAN, University of

Barcelona, Barcelona, Spain.

Supervisor: Prof. Dr..AlbertCirera

Master thesis Experience:

1991 – 2011 Master thesis,1997 – 2001 in physics, An-Najah N.University, Nablus, Palestine.

Teaching/Tutoring Experience:

.Department of physics, An-Najah N. University (Junaid Campus), Nablus, Palestine. Tel: +970 9 234 5113, e.mail: info@najah.edu

(2005- present ▪ Lecturer: teaching various courses in physics such as General Physics, Electromagnetic, Physics Methodology, Physics for Society, Optics, practical physics Governmental (High Education)

(2003- 2005) Teacher Mustaqbal Schools, Al-Tireh, Ramallah, Palestine. Tel:0 097022961583 . e.mail: info@mustaqbal.ps ▪ Teacher: Physics and sciences Private (Education)

(2002-2003) Lecturer ▪ Department of physics, Al-Quds Open University, Ramallah, Palestine. Tel: 00970 22964571. e.mail: yamro@qou.edu ▪ Lecturer: teaching various courses in physics Governmental (High Education) Governmental

(1996- 2001) Teacher Latin Patriarchate School , Zababdeh Jenin , Palestine. ▪ Teacher: Physics and sciences Private (Education)

Research interests:

Nanotechnology, CarbonNano materials, Plasma chemical vapor deposition, Renewable energy, Supercapacitors, lithium battery

Technical skills:

-Chemical vapor deposition (CVD) -Physical vapor deposition (PVD)

-Scanning electron microscopy (SEM) - Transmission electron microscopy (TEM)

- Raman spectroscopy - X-ray photo electron spectroscopy (XPS) - X-ray diffraction (XRD) - XPS and NEXAFS analysis (BESSY II)

- Electrodes preparations -Brunauer–Emmett–Teller (BET)

- Electrochemical testing (CV, Charge/discharge, EIS)

-Prepared flexible electrode for supercapacitors and battery by different techniqes

Electro spinning machines . doctor blade method .electro spray taginecs

Synthesis nano material from different kinds of polymer

Strongly knolgment in anylasis porosity

Publications:

1-Flexible supercapacitors based on low-cost tape casting of high dense carbon nanofibers. DOI>10.1088/2053-1591/aa5bb2

II. Impact of PVDF concentration and pressing force on performance of symmetric CNFs based supercapacitors. DOI 10.1016/j.electacta.2017.05.186

III. A Study of Carbon Nanofibers and Active Carbon as Symmetric Supercapacitor in Aqueous Electrolyte: A Comparative Study .*Nanoscale Research Letters*201712:639<https://doi.org/10.1186/s11671-017-2415-z>

References:

1: Prof. Dr. Albert Cirera

Martí i Franquès 1.08028 Barcelona.Department of Engineering: Electronics. IN2UB.

Universitat de Barcelona[(+34) 934039167](callto:(+34)%20934039167)[acirera@ub.edu](mailto:acirera@ub.edu)

2-Dr. LlorençServera, Associate Professor ,Department of Electronics and Biomedical Engineering  
Martí i Franquès 1. 08028 Barcelona ,Faculty of Physics. UNIVERSITAT DE BARCELONA

lservera@ub.edu

Languages:

Arabic Native

English Fluent

Spanish Workingknowledge

Computer andsimulationskills:

Origin,IGOR Pro, XPScasa