



Ain Shams University

Faculty of Education

Physics department

Curriculum Vitae of a Faculty Member

Alaa El Din Abdel Halim Mohamed Farag



Personal Data:

Name			Nationality	Place of Birth	Date of Birth	Gender	Marital Status
Frist	Middle	Family	Egyptian	Cairo	11-10-1969	Male	Married
Alaa el din	Abdel Halim	Farag					
General Specialization		Physics					
Specialization		Thin film Solar Cells					
Current Position			Professor at Ain Shams University				
Scientific Title			Professor <input checked="" type="checkbox"/> Professor Associate <input type="checkbox"/> Assistant Professor <input type="checkbox"/> Lecturer <input type="checkbox"/> Other <input type="checkbox"/>				
Highest degree/ Date			PhD, 2002				
ID Number			26911102103051				
College			Faculty of Education , Ain Shams University	Department	Physics		

Contact Data:

Address	Faculty of Sciences and Arts , Gurayat, Jouf University	E-mail address (official)	alaafaragg@edu.asu.edu.eg
Mobile	01115078317	E-mail address (personal)	alaafaragg@gmail.com



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Degrees obtained:

PhD in Solid State Physics, Ain Shams University, Egypt, 2002.

MSc in Solid State Physics, Ain Shams University, Egypt, 1997.

Bachelor of Science and Education (Physics and Chemistry), Ain Shams University, Egypt, 1992.

Professional Activities

Supervision of 3 MSC theses and 3 PHD theses .

Membership of specialized committees and associations:

- **Materials Science Committee**
- **Crystallography committee**
- **Scientists Corporation**

Fields of Research

- **Thin Film Preparation and Characterization**
- **Optical properties of thin films,**



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- **Electrical and dielectrical properties of semiconductors .**
 - **Physical properties of organic materials thin films.**
 - **Photovoltaic of solar cells (organic / inorganic hybrid structure).**

Achieved Research Project

-The applied use of solar cells as a source of renewable energy from organic compounds, Ain Shams University, 2005-2006.

-Preparation, characterization and optimization of solar cells from thin films of metal sulfide compounds, STDF, 2010-2012.

Publications

Published more than 160 international articles including various topics of applied research.

Editorial board member:

- **Sensors and Actuators A**
- **Algerian Journal of Research and Technology-**
- **Journal of Luminescence**
- **Synthetic Metals**



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-
- **Microelectronics Reliability**
 - **Solid State Sciences**
 - **Carbon**
 - **Solar Energy Materials and Solar Cells**
 - **Arabian Journal of Chemistry**
 - **Materials Research Bulletin**
 - **Results in Physics**
 - **Materials Science in Semiconductor Processing**
 - **Composites Part B**
 - **Diamond & Related Materials**
 - **Optik**
 - **Optics Communications**
 - **Applied Surface Science**
 - **Journal of Photochemistry & Photobiology, A: Chemistry**
 - **Physica B: Physics of Condensed Matter**
 - **Journal of Industrial and Engineering Chemistry**
 - **Organic electronics**
 - **Chinese Journal of Physics**
 - **Materials Science & Engineering B**



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-
- Polyhedron
 - Measurements
 - Journal of Alloys and compounds
 - Molecules
 - Journal of International Hydrogen Energy
 - Polycyclic Aromatic Compounds

Journals Reviewing

1-Sensors and Actuators

2-Superlattices and Microstructures

3-Journal of Alloys and Compounds

4-Journal of International Hydrogen Energy

5-Materials Chemistry and Physics

6-Molecules

7-Microelectronic reliability.

8-Journal of Applied Physics



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9-Microelectronic Engineering

10-Ionics

11-Synthetic Metals

12-Infrared Physics & Technology

13-Fiber & Polymers

14-Materials Chemistry and Physics

15-Spectrochemica Acta part A

16-International Journal of Photoenergy

17- Materials Science in Semiconductor Processing

18-Applied Physics A

19-Materials Science and Engineering B

20-ADVANCES IN POLYMER TECHNOLOGY

21-Materials Research



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22-Nanoscience and Nanotechnology Letters

23-International Journal of Scientific Research in Knowledge

24-Journal of Polymers and the Environment

25- Chinese Optics Letters

26-Applied Organometallic Chemistry

27-Solid State Sciences

28-International Journal of Energy Engineering

29-Thin Solid Films

30 -Current Organic Synthesis

31- -Modern Electronic Materials

32- Journal: Physica E: Low-dimensional Systems and Nanostructures

33- Composites Part B

34-Modern Electronic Materials



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35- Journal of Inorganic and Organometallic Polymers and Materials

36- Journal of Renewable and Sustainable Energy.

37- Surface Review and Letters (International Journal of Modern Physics B)

38- Journal of Physics and Chemistry of Solids

39-Journal of non-crystalline solids

40-Journal of Renewable and Sustainable Energy

41-Journal of Electronic Materials.

42-Indian journal of Physics

43-Current Physical Chemistry.

44-Materials Letters

45- Vacuum

46- European Physical Journal - Applied Physics.

47- Journal of inorganic and organic polymers and materials

48-Journal of Materials Science: Materials in Electronics



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49- Results in Physics

50-Polycyclic Aromatic Compounds

51- Optical Materials

52-Solar Energy

53-Optics and Laser Technology

54-Polycyclic Aromatic Compounds

55-Microelectronic Engineering

56-Physica Status Solidi A

57- Journal of Nanomaterials

58- New Materials, Compounds and Applications

59- Microelectronics International

60-Journal of Electronic Materials



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International paper reviewing

More than 410 revised international articles including various topics of research.

Number of citations according to Scopus :

2489

H-index according to Scopus :

27