

CURRICULUM VITAE



BACKGROUND DATA

Name : Essam Ramadan Shaaban

Nationality: Egyptian

Title : Professor

Current Job : Professor at Department of Physics, Faculty of Science

Mailing Address : Al-Azhar University, Assiut Branch (Postal Code: 71524),
Egypt

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Specialty : Experimental solid state physics and materials science

UNIVERSITY EDUCATION OF PHD

- Ph.D. degree in materials science, 2004, Physics department Faculty of Science, University of Eotvos Lorand (Hungary).

ACADEMIC AND ADMINISTRATIVE EXPERIENCE

- **1993-1997:** Teaching Assistant as a Demonstrator at Physics department, Al-Azhar University, Assiut, Egypt.
- **1997-2000:** Teaching Assistant as an Assistance Lecture, at Physics department Al-Azhar University, Assiut, Egypt.
- **2000-2004:** Envoy to Hungary for obtaining Ph.D
- **2004-2009:** Lecturer in Physics at Physics department Al-Azhar University, Assiut, Egypt.
- **2009- 2014:** Associate professor at Physics department Al-Azhar University, Assiut, Egypt.

- **28/9/2014-Till now:** Professor at Physics department Al-Azhar University, Assiut, Egypt.

ADMINISTRATIVE POSITIONS

2011-2012: Head of Physics department

2017- Till now: Head of Physics department

2015-Till now: Member of **Academy for Scientific Research and Technology, Egypt**

Since 1993: Member of the Materials Research Society (MRS) of Egypt.

SCIENTIFIC ACTIVITIES

Reviewer in the international scientific Journals such as:

- **Journal of alloy and compound**
- **Journal of non-crystalline solids**
- **Solid state science**
- **Thermal analysis and calorimetry**
- **Journal of applied physics: Applied physics D**
- **Journal of Physics and Chemistry of Solids**
- **Physica B: Condensed matter**
- **Thin Solid Films**
- **Journal of Physics: Condensed matter**
- **Physica scripta**
- **Journal of alloy and compound**
- **Philosophical magazine,**

Editor in

1- Managing Editor E. R. Shaaban in "International Journal of New Horizons in Physics "

Website: <http://naturalspublishing.com/show.asp?JorID=44&pgid=185>

2- Associate Editor E. R. Shaaban "Asian Journal of Applied Science"

Website: <http://www.scialert.net>

3- Editor E. R. Shaaban in "Organo Opto-Electronics"

Website: <http://www.naturalspublishing.com/show.asp?JorID=45&pgid=206>

Contributions in conferences: 12 international conference and 6 local conferences

SUPERVISED MASTER AND DOCTOR-COURSES STUDENTS

1. Supervisor of 14 Master-Course program and Doctor-Course program students at Al-Azhar University Assiut branch (Egypt) [Award 13.](#)
2. Supervisor of 10 Doctor-Course program students at Aswan University (Egypt) [Award 5.](#)

AWARDS

- 1- **2000-2004 Hungarian Government full tuition Ph.D. Fellowship.**
- 2- **Top 100 Scientists 2008 "Sponsored Administered by International Biographical Centre, Cambridge, England"**
- 3- **Prize of for individuals in physics from Academy for Scientific Research and Technology 2012**
- 4- **Three prizes form Al-Azhar university for the following distinguish papers**

- [1] **E.R. Shaaban** "Calculation of optical constants of wedge-shaped thin films of amorphous Germanium arsenic selenium based on their shrunk transmission spectra" *Philosophical Magazine*, 88, 5 (2008) 781.
- [2] **E. R. Shaaban**, M.T. Dessouky, A. M. Abousehly "The effect of Bi content on the thermal stability and crystallization of Se-Te chalcogenide glass" *Philosophical Magazine*, 88, 7 (2008) 1099.
- [3] Ashutosh Goel, Dilshat U. Tulyaganov **Essam R. Shaaban**, Rajendra N. Basu, and José M. F. Ferreira "Influence of ZnO on the crystallization kinetics and properties of Diopside-Ca-Tschermak based glasses and glass-ceramics" *Journal applied Physics* 104 (2008) 43529.

PROJECTS

Prof. Essam Ramadan Shaaban participated as a Co Principle Investigator (Co PI) in two projects in Science & Technology Development Fund (STDF) Ministry of State for Scientific Research

The First: Capacity Building Grant in Physics department - Faculty of Science – Al-Azhar University Assiut Branch.

The Second: Co Principle Investigator (Co PI) as a member of research group from Helwan University and Ain Shams University and Al-Azhar University.

PUBLICATIONS

More than 150 publications in Scientific International journals

ACCORDING TO INTERNET PROFESSIONAL SITES

- 1- <https://www.scopus.com/authid/detail.uri?authorId=12344915200>
- 2- <https://scholar.google.co.in/citations?user=YK6DV-IAAAAJ&hl=en>
- 3- https://www.researchgate.net/profile/Essam_Shaaban