

Curriculum Vitae

Name: Abdelnaby Mohamed Kotb. Elshahawy
Position: Demonstrator at Physics Department,
Faculty of Science, Assiut University, Egypt.
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Academic Qualifications:

Degree	Date	University	Specialization
B. Sc.	2007	Assiut	Special Physics
M. Sc	2013	Assiut	Experimental Solid State Physics (Magnetic Materials)

Research Interests

- Material Science.
- Magnetic materials.
- Catalytic Science
- Biophysics.

Professional Background:

- 2007 ~ 2014: Demonstrator at Physics Department, Faculty of Science, Assiut University, Egypt.
- 2014 ~ Now: Assistant Lecturer at Physics Department, Faculty of Science, Assiut University, Egypt.

Training Courses

- Means of security and safety labs, held in Assiut University, Egypt, 27-28 January 2009.
- Training course in nanoscience and nanotechnology held in Beni – Suef University, Egypt, 5 - 7 April 2011.
- Workshop in crystallography held in Ras Seder, Sinai, Egypt, 4 - 5 February 2012.
- Training course in vibrating sample magnetometer (VSM) held in Assiut University, Egypt, 23-27 July, 2012.

- 11th international workshop in macro-molecular structure of biological and non-biological materials held in Hurghada, Red Sea, Egypt, 18 – 22 November 2012.
- Training course in usage of modern techniques in materials characterization, held in the Egyptian Atomic Energy Authority, Cairo, Egypt, 23 February to 6 March 2014.

Conferences

1. The 11th International Conference on Ferrites (ICF11), held in Okinawa, Japan, 15-19 April 2013. The **poster** presentation has been presented with title **(Magnetization Studies of Ni-Cu Ferrite Nanoparticles Synthesized by the Microwave-Combustion Method)**.

A. M. Elshahawy, M. H. Mahmoud and S. A. Makhlof

2. The First International Conference on New Horizons in Basic and Applied Science (ICNHBAS) organized by Al-Azhar University, Assiut, Egypt held in Hurghada, Egypt, September 21 – 23 (2013). The **oral** presentation has been presented with title **(Mössbauer studies of Ni-Cu ferrite nanoparticles Synthesized by the microwave-combustion method)**.

M. H. Mahmoud, **A. M. Elshahawy**, Salah A. Makhlof, and H. H. Hamdeh

Publications

1. "Mössbauer and magnetization studies of nickel ferrite nanoparticles synthesized by the microwave-combustion method", M. H. Mahmoud, **A. M. Elshahawy**, Salah A. Makhlof, H. H. Hamdeh, J. Magn. Magn. Mater. 343 (2013) 21–26 **(Published)**
2. "Magnetization studies of Ni-Cu ferrite nanoparticles synthesized by the microwave-combustion method", **A. M. Elshahawy**, M. H. Mahmoud, Salah A. Makhlof, Journal of Japan society of powder and powder metallurgy **(Accepted)**
3. "Evolution of magnetic properties and hyperfine interactions with annealing temperature in nickel ferrite nanoparticles synthesized by microwave-combustion method", M. H. Mahmoud, **A. M. Elshahawy**, Salah A. Makhlof, and H. H. Hamdeh, **(Submitted)**

Awards

1. **The Best Conference Paper Award** in The First International Conference on New Horizons in Basic and Applied Science (ICNHBAS) organized by Al-Azhar University, Assiut, Egypt in Hurghada, Egypt, September 21 – 23 (2013).

Teaching Experience

Course	Date	Target Ss	Place
Practical Solid State Physics	2007 ~ Now	Faculty of Science (Students of 4 th year)	Assiut University
Practical Semiconductors	2007 ~ Now	Faculty of Science (Students of 4 rd year)	Assiut University
Practical Solid State Physics	2007 ~ Now	Faculty of Science (Students of 3 th year)	Assiut University
Practical Electricity and Magnetism.	2007 ~ Now	Faculty of Science (Students of 1 rd year)	Assiut University
Practical Mechanics.	2007 ~ Now	Faculty of Science (Students of 1 rd year)	Assiut University

Skills

Language Arabic and English

Computer knowledge Fortran programming, Basic of Matlab programming, DICVOL, TREOR90.

REFEREES

Prof. Salah Ahmed Makhoul

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Physics Dept., Faculty of Science, Assiut University
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Assistant Prof. Mohamed Housam Mahmoud

Lecturer of Mössbauer and Magnetism
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Prof. Mamdouh Abdelaal Ahmed

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