

# Curriculum Vitae

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## 1. Personal Data:

- **Name:** Mohammed Said Mohammed Mohammed Abu El-Magd.
- **Position:** Assistant Professor.
- **Department:** Physics and Engineering Mathematics
- **Contact:**
  - **Academic E-Mail :** m.said@sha.edu.eg
  - **Internal Tel.:** 146
  - **Room:** (108 D)

## 2. Specialization:

- **General Specialization:** Physics
- **Specific Field** : *Theoretical Physics*

## 3. Academic Qualifications:

- *Ph.D. in Science (Physics – Theoretical Physics). Damietta University [May 2013]*

Thesis Title: "A First-Principle Calculations of the Electronic and Magnetic Properties of Selected Rare-Earth Transition Metal Compounds"

- *M. Sc. in Physics. Helwan University [June 2005]*

Thesis Title: "A Study on the enhancement effect in electron-positron annihilation process and the high momentum component in some materials of interest"

- *B. Sc. in Physics. Helwan University [May 1998]*

Very good with honor.

## 4. Teaching Experience:

- Assistant Professor Till now.

Physics, Higher Institute of Engineering, Shourok Academy, Cairo, Egypt.

- Teaching Assistant. From 2005 till June 2013.

Physics, Higher Institute of Engineering, Shourok Academy, Cairo, Egypt.

- Demonstrator. From Sep. 2001 till 2005.

Physics, Higher Institute of Engineering, Shourok Academy, Cairo, Egypt.

- Demonstrator. From 1999 till 2001.

Physics, Faculty of Science, Helwan University, Cairo, Egypt.

## **5. Research Interests:**

- *Theoretical Physics and condensed matter physical properties.*

## **6. Publications (The five most important researches):**

- Determination of  $\gamma$ -spectrometric parameters for  $\text{Na}_2\text{CO}_3$  and  $\text{H}_2\text{O}$  in  $\text{Na}_2\text{CO}_3$ -water solution".

A. H. El-Kateb, M. S. Abu El-Magd, S. K. Sayed.

Annals of Nuclear Energy 29 (2002) 983-989.

- "Study on the Enhanced Contribution in Noble Metals from Positron Annihilation".

A. S. Hamid, M. M. Ahmed, M. S. M. Abu-Elmagd, and R. A. M. Rizk.

AIP Conf. Proc. 888, pp. 294-300; doi: <http://dx.doi.org/10.1063/1.2711123> (7 pages)

MODERN TRENDS IN PHYSICS RESEARCH: Second International Conference on Modern Trends in Physics Research MTPR-06.

Date: 6-11 April 2006.

- "Magnetic Properties and Electronic Structure of  $\text{ThCo}_4\text{B}$ ".

Mohammed Said Mohammed Abu-Elmagd, Samy Hashim Aly, Sherif Yehia.

Modeling and Numerical Simulation of Material Science, 2012, 2, 51-59.

- "Electronic and Magnetic Properties of  $\text{PrCo}_4\text{B}$  Alloys".

M. S. M. Abu-Elmagd, Samy H. Aly, Sherif Yehia.

International Journal of Computational Physical Sciences.

ISSN 0976-5875 Volume 3, Number 1 (2012), pp. 39-44.

