europass Curriculum vitae

PERSONAL INFORMATION

Tarek Abd-Elwahab Mohamedein Tarek Nahool

Physics Department, Faculty of Science at Qena, South Valley University, Egypt, 45511 Qena (Egypt)

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http://aboonahool.blogspot.com/2014_10_01_archive.html-vitae.html
https://scholar.google.com/citations?user=IgmZwHEAAAAJ&hl=en
Skype tareknahool

Sex Male | Date of birth 9 Jan 1983 | Nationality Egyptian

WORK EXPERIENCE

2005–2009 — Secondary education teaching professional

ministry of education, Qena (Egypt)

2010–2014 — Physicist

Egyptian Sugar and Integrated Industries Company , Qena, Egypt

2015–2017 — manger of enveronmental department

Egyptian Sugar and Integrated Industries Company , Qena, Egypt

2016–2017 — Lecturer of Physics and Science

Masters American Center for Educational Services, Nag Hammadi (Egypt)

EDUCATION AND TRAINING

2013–2014 — Master in Theoretical Particle Physics

South Valley University, Faculty of Science, Qena (Egypt)

Title : **A NEW METHOD TO STUDY BOTTOMONIUM,** Lambert Academic Publishing, Saarbruecken-Germany 2015, 88 Pages, ISBN 978-3-659-68269-8

Description: My Master Thesis involved computational modeling and simulations of quark-antiquark interactions(Theoretical High Energy Physics).Specifically, using anew method that is called matrix Numerov method to study the so-called Spectra of the Quarkonium, which discusses the heavy mesons and studying some properties of bottomonium as an example of heavy mesons properties.

In addition to that, investigating the new numerical method, which are frequently used in the literature. I have independently written all my research codes in Mathematica.

2006–2008 — High Diploma in Theoretical Nuclear Physics

Faculty of Science , South Valley University, Qena (Egypt)

Pre-M.Sc diploma delivers the following course: Mathematical Physical Methods, Quantum Mechanics,Electrical Dynamics, Nuclear Physics, Theoretical Nuclear Physics, Laboratories' Methods and practical physics

2001–2005 — B. Sc. in Physics

Al-Azhar University , Faculty of Science, Assiut (Egypt)

Percentage of 81.6% – V. Good.

Gaining basics to sciences of physics and mathematics

PERSONAL SKILLS

Mother tongue(s) Arabic

Communication skills

- Working very well within a team
- Having a pleasant and sociable personality
- Sociability, diplomacy, tact and rapid integration in different social groups and spaces, good human relation, public speaking and communication skills.
- I am always loving travels and culture exchange.
- Adaptive and able to fit to work and training.
- Able to meet the responsibilities

Digital competence

Operating systems

Windows various versions

Basic Skills

Microsoft office (word, excel, access, power point) and Open Office

Programming Languages

Fort ran 90 and html

Educational programs and scientific simulations

Matlab, Mathematica and Origin 8.0.

Scientific writing:

LATEX and scientific workplace

Other skills

Scientific Skills

- Good in design, analysis, and presentation of Scientific Projects.
- Having good skills in numerical analysis and simulation using programs: Mathematica and Matlab.
- Having good skills to provide guidelines on accessing scientific literature, and preparing scientific reports, papers, posters, and presentations with latex

ADDITIONAL INFORMATION

Publications

1- A. M. Yasser, G. S. Hassan and T. A. Nahool,"Numerical Study of Heavy Mesons Spectra Using Matrix Numerov's Method", Int. J. New. Hor. Phys,2,33-36, (2015) http://www.naturalspublishing.com/Article.asp?Artc...

2- A. M. Yasser, G. S. Hassan and T. A. Nahool," A Study of Some Properties of Bottomonium", J MP,5, 1938-1944, (2014) http://dx.doi.org/10.4236/jmp.2014.517188.

3- T. A. Nahool, A. M. Yasser, and G. S. Hassan, "Theoretical Calculations for Predicted States of Heavy Quarkonium via Non-Relativistic Frame Work", EJTP 12, No. 32,113–120,(2015) http://arxiv.org/abs/1410.5005,http://www.ejtp.com/articles/ejtpv12i32.pdf

4- T. A. Nahool, A. M. Yasser, and G. S. Hassan,“A new Approach to Numerov's Method“, the first workshop of Nanotechnology from lab to industry (Nano LI 2014), Modeling session, South Valley University, Qena, Egypt, 1-3 Sep. 2014.

Under Publications

Ch. C. Moustakidis, T. A. Nahool and A. M. Yasser, "Quarkonium Spectra in the Framework of Non-Relativistic Quark Model" submitted to Quant. Phys. Lett.

Under PREPARING

A. M. Yasser and T. A. Nahool," A simple algorithm for solving two body problem with Mathimatica 9"

Projects

2005 - Mini-project:Natural Radioactivity Levels And Radiation Hazard Indices in Nile Sedimentsfrom Qena Governmentr Egypt- supervised by Prof. Dr.M.A.M. Uosif; E-mail: Dr Mohamed Amin@Lycos.com- at Department of Physics, Faculty ofScience, Al-Azahar University, 71542 Assiut, Egypt

mini-CMS Analysis School

AinShams University and British University in Egypt, Organized by **Nicola De Filippis and AmrRadi** (Chair),18-22April 2015

References

1-**Dr. Galal Saad Hasan,**

Position: Professor of Theoretical Physics

Address: Assiut University, Faculty of Science, Egypt.

Mobile: +201141717694

Email: galal.ismail@science.au.edu.eg, galalsh@yahoo.com

2-**Dr. Yasser M. A. Mustafa**

Position: Assistant Professor of Theoretical Nuclear Physics

Address: South Valley University, Faculty of Science at Qena, Egypt.

Current address:Aristotle University of Thessaloniki,54124 Thessaloniki, Greece

Mobile: +201228971004

Email: yasser.mostafa@sci.svu.edu.eg, ymm3@pitt.edu