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## 1- Personal Information

**Name:** Abdel Ilah Musa Ali

**Nationality:** Sudanese

**Date of Birth :** 01.01.1965

**Languages :** Arabic ( Mother tongue )

English ( Excellent )

Chinese (Spoken )

**Address:** Department of physics, Faculty of  
Education, Nile Valley University, Atbara P.O Box 163  
Sudan.

## 2- Education :

\* Bachelor of Science and Education, Physics, Faculty of  
Education, University of Khartoum , Sudan.

\* Master of Science in physics, Faculty of Science, Nanjing  
Normal University , Nanjing, P.R China

\*Ph. D. in Physics, Faculty of Science, Nanjing University ,  
Nanjing, P.R China.

## 3- Work Experience:

\* Teaching Assistant, Department of Physics, Faculty of  
Education, Nile Valley University ( July 1991 – Jun 1997)

\* Lecturer, Department of Physics, Faculty of Education,  
Nile Valley University ( Feb1997 – May 2002)

- \* Assistant Professor, Department of Physics, Faculty of Education, Nile Valley University ( Jun 2002-May 2006 )
- \* Associate Professor , Department of Physics, Faculty of Education, Nile Valley University (Jun 2006- )
- \* Head of Physics Department during the period ( March 1997 – Aug 1998 )
- \* Deputy Dean of the Faculty Education ( Sept 2002 – Sept 2005)
- \* Dean of Academic Affairs, Nile Valley University ( Sept 2005 - Present )

#### **4- Conferences and Publications :**

- 1- Conference entitled: Unification of physical Terminologies in the Sudanese Universities, Atbara , Sudan , ( Dec 1991)
- 2- The Problem of Angular Momentum in General Relativity : a talk presented in the Chinese National Conference on Astronomy , Astrophysics and general Relativity , Shanghai , P.R. China , Dec 1996
- 3- A Mossbauer Study of the Evolution of Glauconite From Chinese Seas , *Spectroscopy Letters* , Vol .34 , number 6 (2001) , PP. 701 – 708
- 4- Use Of Mont Carlo Method With Simulated Annealing Algorithm In the Analysis Mossbauer Spectra , **Fizika B** Vol .11(2002) 2 PP.19 – 26

- 5- Magnetic Effect in Ca VSn : YIG Induced by Energetic Heavy Ions , Annual Issue on Defect and Diffusion in Ceramic, *Defect and Diffusion Forum* , Vol .206-207(2002),PP.117-122
- 6- Monte Carlo Simulation of Penetrative Photons in the Reactor Shielding. *Lebanese Science Journal* (Accepted, to be published )
- 7- Mossbauer Spectroscopy in China. *Journal of Nuclear and Radiochemical sciences*. Vol.2 (2002)
- 8- Identification of Minerals Using Artificial neural Networks Based on Mossbauer Parameters , *Nuclear Techniques* , Vol. 23 (2000), PP.467-474
- 9- Mossbauer Studies on the Spiral Antiferromagnetic Coupling in Iron Oxychloride , *Chemical Physics Letters*
- 10- Resolving the Eu151 Mossbauer Spectra by Genetic Algorithm , *Computational Physics*
11. **Physical Optics** (a book), to be published soon.

**5- Others :**

- 1- Secretary of the Senate of the Nile Valley University
- 2- Member of the Scientific Research Council of the Nile Valley University
- 3- The Editor, Nile Scientific Journal (A Scientific Journal of Nile Valley University)
- 4- Co – Supervisor For a Ph.D Student , College of Graduate Studies , Nile Valley University

- 5- Internal examiner for some higher degree students  
(Tow Ph.D . thesis defenses )
6. Supervisor of some M. Sc. students.
- 7- Supervision of enormous Research works and projects  
that performed by students as one of the requirements of  
Graduation
- 8- Member of many others Scientific and academic Councils  
in the University.
9. Member of Sudan Physical Society (2006-Present)
10. Executive committee member, Professional Association  
of Sudanese Universities teachers.
11. Member of a state committee of admission, Ministry of  
Higher Education, Sudan.

**Date :** March, 2009

**Prize:**

**Third World Academy Prize (TWAS) to young  
Scientists, International Centre for Theoretical  
Physics (ICTP), 2005.**

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