

## Curriculum Vitae



### 1. Personal Details:

**Name:** *Mohamed Hassan Eisa Salim* (M. H. *EISA* or *Yi Sang*: 易桑)

**Date & Place of Birth:** 01/01/1970 Elgadarif (GF) City, Sudan (SD)

**Nationality:** Sudanese

**Religion:** Islam

**Marital Status:** Married and have one Daughter

**Gender:** Male

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### Correspondence Address

### 2. Permanent Address:

Department of Physics  
College of Science  
Sudan University of Science & Technology (SUST)  
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### 3. Academic Particulars:

**23-03-1992:** **B. Sc.**, Physics (Honor, 2nd Class, Division One) **University of Khartoum**, Khartoum, **Sudan**

**10-02-1997:** **M. Sc.**, (Courses+ Thesis) Physics, **Nanjing Normal University** (NJNU), Nanjing, **China**

**05-07-2001:** **Diploma**, Chinese Language, **Fudan University**, Shanghai, **China**

**08-06-2005:** **Ph. D.**, (Courses+ Thesis) Experimental Nuclear Physics, **Fudan University**, Shanghai, **China**

**31-05-2010:** **Post Doctoral Fellow**, Nano Physics, **Universiti Sains Malaysia** (USM), Pinang, **Malaysia**

#### **4. Thesis Title:**

B. Sc: Thesis titled " Studies On Solar Energy and its Applications (**Supervisor:** Prof: Hisham Mohamed Wadatallah)

M. Sc.: Thesis titled " Monte Carlo Simulation on Bilayer Vesicle Shapes (**Supervisor:** Prof: Zheng Chang Liang).

Ph. D. Thesis: Nuclear Techniques Investigation on the role of Trace Elements in Bone (Fudan University, Published: 2005-04-20) (**Supervisor:** **Advisory committee:** Professor Zhou Zhuying, Chair-Advisor, Professor Mi Yong, Associate Professor Shen Hao, Associate Professor Yao Hui ying and Assistant Professor Yang Ming jie).

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#### **5. Area of Interest:**

**Major Research interest lies in:**

- a. Accelerator-based Atomic Physics: (Nuclear Technique and Applications )
- b. Application of Ion-beam Technology in Material Science; Application of Ion-beam Technology in Biomedicine Science
- c. Nanotechnology: (Nanostructured materials, nano biomedicine and materials science)
- d. Computational Physics

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**Core skills and competencies are as follows:**

Well acquainted with experimental aspects of accelerator technology including PIXE, XANES and EXAFS.

Well acquainted with analytical skills for PIXE, XAFS and nuclear microscopy.

Highly computer literate–Word/PowerPoint/Excel and numerous Nuclear Analytical software as well as scientific program development using Fortran, C++, MATLAB, MAPLE, SEGMA, ORIGIN Professional, LATEX and AXIL.

I would like to “Keep my heart young and my expectations high and never allow my dreams to die... and come to realize that I surrounded by infinite possibilities for growth and achievement” (As Wilfred Peterson nicely said).

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#### **6. Academic Awards:**

**1994-1997:** Chinese's Scholarship, M. Sc., NJNU, China

**2000-2001:** Chinese's Scholarship, Diploma, Fudan University, Shanghai, China

**2001-2005:** Chinese's Scholarship, Ph. D, Fudan University, Shanghai, China

**2006:** the 2006 TWAS Prize for Young Scientists awarded in the field of Physics, Trieste, Italy

**2009-2010:** Universiti Sains Malaysia (USM and Third World Academy of Science (TWAS) Post Doctoral Fellowship- Universiti Sains Malaysia, Shanghai, China

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## **9. Professional Experience:**

### **a. Part Time Experience**

**1991-1994:** University of Khartoum (Faculties of Science and Education), [Teaching Assistant] Sudan

**1990 -1994:** Different High Schools in Khartoum, Sudan [Teaching Physics]

**1999-2000:** Different Universities in Sudan), Lecturer - Physics

**2000-2002:** High School, Shanghai, China [Teaching English]

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### **b. Full Time Experience**

**04-1992 -04-1994,** Al-Sharg University- Kassala – Sudan, Teaching Assistant– Physics

**03-1997 -11-1997,** Kassala University- Kassala – Sudan, Lecturer – Physics

**11-1997 -04-1999,** Kassala University- Kassala – Sudan, Head of Physics Department

**04-1999 -09-1999,** Sudan Institute for Natural Sciences (SIFNS) - KH, Sudan, Research Unit, Research Assistant

**10-1999 -08-2000,** SUST- KH, Sudan, Lecturer

**30-08-2005** Up to Now, SUST- KH, Sudan, Assistant Professor– Physics

**2006- 2009,** Coordinator of Master Program of Physics at SUST

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### **c. Professional**

**2001-2005:** The Institute of Modern Physics, Fudan University, Shanghai - China

**2002-2005:** Applied Ion Beam Laboratory for Accelerator, Fudan University, Shanghai, China

**1999-2009:** Physics Department, College of Science, Sudan University of Science & Technology, Khartoum, Sudan

**2009-2010:** Nano–Optoelectronics Research Laboratory, the School of Physics; Universiti Sains Malaysia, Pinang, Malaysia

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## **10. Teaching Experience:**

### **a. Undergraduate**

**1999- 2009:** In SUST, I taught the following courses:

**First Year:** Mechanics and Vectors

**Second Year:** Modern Physics, Classical Mechanics and Vibrations & Waves

**Third Year:** Nuclear Physics, Plasma Physics and Quantum Mechanics

**Fourth Year:** Applied Nuclear Physics and Physics spectroscopy

**1999- 2009:** In Other Universities:

**1999:** In **International Africa University**, I taught the course of General Physics for the First Year at College of Science and College of Medicine

**2000:** In **Alzaim Alazhary University**, I taught the course of Radiation Physics for the First Year at College of Medical Laboratories

**1999, 2006 and 2008:** In **Elneelain University**, I taught the course of Optical Physics for the First Year at College of Engineering

**2006 and 2008:** In **Elneelain University**, I taught the course of General Physics for the First Year at College of Science

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### **b. Graduate In SUST**

**High Diploma:** Non Destructive Test course

**M. Sc.:** Advanced Nuclear Physics  
Plasma Physics

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## **11. Supervision of Post Graduate Students:**

### **a. Supervisor and co-supervisor of M.Sc. students in SUST**

1. **Abdullah Elrasheed Mohamed**, Studies on Energy Loss of Electron at Low Velocities, Master thesis (**Partial Research**), SUST, Khartoum, Sudan, 2006
2. **Ahmed Zakaria Abubakar**, Computational Model for Laser Study of Nuclear Explosions, (**Full Research**), SUST, Khartoum, Sudan, December 2008
3. **Elsadig Gumaa Elnour Gumaa**, Calculation of Stopping Power and Energy Range for Hydrogen Ion in Concrete, Master thesis, (**Full Research**), SUST, Khartoum, Sudan, June 2009
4. **Habib Judu**, MCNP5 simulation to calculate attenuation coefficient for x-ray spectra in soft tissue, Master Thesis, (**Full Research**), SUST, Khartoum, Sudan, under progress

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### **c. Supervisor -co-supervisor of High Diploma , M.Sc. students in other Universities:**

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## **12. Research Projects:**

- 12.1. *The Chinese National Science Foundation under the Grand (No. 10175015 and 10490180) 2003 -2005)*  
12.2. *The Egyptian Center for Theoretical Physics (ECTP)*  
12.3. *Nano Optoelectronic (Nano Biomedicine Materials) 05/2009-05/2010*
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## **13. Administrative Experience:**

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11-1997 -04-1999, Head of Physics Department, Kassala University- Kassala -Sudan

04-1999 -09-1999, SIFNS, Research Assistant, Sudan

2006- 2009, Coordinator of Master Program of Physics at SUST

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## **14. Foreign Research Institutes Visited for Academic Work:**

14.1. Institute of High Energy Physics: **IHEP**, Beijing, CN, 2001, 2004

14.2. Institute of High Energy Physics: **IHEP**, Beijing, CN, 2002

14.3. National Synchrotron Radiation Line: **NSRL**, Hefei, CN

14.4. Shanghai Institute of Nuclear Research: **SINR**, Shanghai, CN, 2003, 2004, 2005

14.5. Shanghai Synchrotron Radiation Facilities: **SSRF**, Shanghai, CN, 2003, 2004, 2005

14.6. Egypt Research Reactor 2: **EG RR 2**- Cairo – Egypt, 2007, 2008

14.7. International Centre for Theoretical Physics (**ICTP**), Trieste, Italy, 2007, 2008

14.8. Nano Optoelectronics Research Laboratory (**NOR**), USM, Pinang, Malaysia, 2009, 2010

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## **15. Languages:**

| Language           | Speaking  | Reading   | Writing   | Listening |
|--------------------|-----------|-----------|-----------|-----------|
| Arabic (Native)    | Excellent | Excellent | Excellent | Excellent |
| English            | Good      | Excellent | Good      | Excellent |
| Chinese [Mandarin] | Good      | Good      | Good      | Good      |

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## **16. Membership:**

Membership of Committees

- 16.1. Member of Physics Department Board, College of Science, SUST
- 16.2. Member of Physics Department Self-Assessment Committee (DAC) College of Science, SUST
- 16.3. Member of Accreditation and Assessment Committee (AAC), College of Science, SUST
- 16.4. Member of Scientific Research Council, College of Science, SUST
- 16.5. Member of Sudanese Physical Society (SPS)
- 16.6. Member of Several International Journals of Physics
- 16.7. Member of SIFNS, Research Unit, KH, Sudan

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- 16.8. Member of Applied Ion Beam Laboratory, Institute of Modern Physics (IMP), FU, Shanghai, CN
  - 16.9. Member of the Egyptian Center for Theoretical Physics (ECTP) Center of Excellence
  - 16.10. Member of the of Committee of Prof. Dr. Olfat Aly Kamel Post- Graduate Fellowships, at ECTP
  - 16.11. Member of the International X-ray Absorption Fine-Structure (XAFS) Society (IXAS)
  - 16.12. Member of Materials Research Society (MRS)

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## 17. Extra Curricular Activities

Member of Council for International People Friendship (Sudanese and Chinese Friendship Association, Since 2007)

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## 18. LIST OF PUBLICATIONS

### PUBLICATIONS (2000 - 2010): Selected Publications

- [1]. LIANG Zhongcheng; LIU Dongxin; **Mohamed H. Eisa**, Simulation of the liquid crystal behavior with the toothpick experiments, Physics Experimentation, **9 (2000)**, 10-12
  - [2]. **M. H. Eisa**, S. J. Yuan, H .Shen and M. Artoli, Monte Carlo Simulation on Bilayer Vesicle Shape, JBS, **P5, (2002)** 85-96
  - [3]. J. H. Huang, H. Shen, Y. Mi, **M. H. Eisa** et al, Changes of urinary trace elements of Inhabitants environmentally exposed cadmium, Chin. J. Public Health, **19 (1) (2003)**
  - [4]. **Mohamed. Hassan Eisa**, L. Zhong, H. Shen, Y. Mi, H. Y. Yao, Z. Y. Zhou, Limitation of Quantitative Measurement to Biological Samples by PIXE (CAARI 2004, On Line)
  - [5]. **M. H. Eisa**, H .Shen, H. Y. Yao, Y. Mi, Z. Y. Zhou et al., Studies on Absorption Coefficient near edge of Multi elements, JQSRT, **96, 3-4, 15 December (2005)** 503-511
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- [6]. **M. H. Eisa et al.**, Measurement of Mass Absorption Coefficients of Multi Elements, the XXXVI Conference, Solid State Physics and Materials Science Workshop Nanostructure; Science; Fabrication; Characterization and devices, 10<sup>th</sup> to 14<sup>th</sup> September (2006) Alexandria, Egypt
  - [7]. **M. H. Eisa et al**, A nuclear Technique Study on the Content of Zinc and Strontium in Different Annual

Rings Layer of Whale Tooth, Seventh Symposium on Use of Nuclear Techniques in Environmental Studies, 3-5 September, (2007) Yarmouk University, **Irbid- Jordan**

- [8]. C. Wang, **M. H. Eisa** et al, Experimental Consideration for Quantitative PIXE Measurements of Biological Samples, 18th International Conference on Ion Beam Analysis, 23<sup>rd</sup> to 28<sup>th</sup> September (2007), Hyderabad, India
- [9]. C. Wang a, **M. H. Eisa** et al., Age-related elemental change in bones, Nuclear Instruments and Methods in Physics Research B 266, 8, April (2008) 1619–1622
- [10]. C. Wang<sup>1</sup>, Y. Zheng , W. Jin, H. Shen, L. Zhong, **M.H. Eisa**, Y. Mi, M. Yang, J. Gao, Evaluation of strontium in the bone development, Tuesday 22 July 2008, 10:00, Biology, Medicine and Botany abs115, p34, ICNMTA 2008 (11<sup>th</sup> International Conference on Nuclear microprobe Technology and Applications 20-25- 2008, Hungary)
- [11]. Y. Zheng, W. Jin, C. Wang, M. Yang, H. Shen, **M. H. Eisa** and Y. Mi, The effects of Strontium Ranelate treatment on Ovariectomized Sprague–Dawley Rat Femur, Nuclear Instruments and Methods in Physics Research B 267, 12-13, 15 June (2009) 2128-2131
- [12]. C. Wang, **M. H. Eisa** , H. Shen, L. Zhong , M. Yang and Y. Mi, Multi Elemental of Biomedical Samples by Proton Induced X-ray Emission, Accepted in Journal of Basic Sciences (2009)
- [13]. C. Wang, **M. H. Eisa** , H. Shen, L. Zhong , M. Yang and Y. Mi, The Proton Induced X-ray Emission Investigation on the bone Trace Elements, Accepted in Journal of Basic Sciences (2009)
- [14]. F. Azhari, K. Ibrahim, **M. H. Eisa**, M. K. M. Ali, M. H. Khalid, M. G. Faraj and Liu Chao-Zhuo, Characterization of Aluminum Deposited on PET Substrate by DC Sputtering and Evaporation Methods, 7<sup>th</sup> Asia Pacific Conference on Sustainable Energy and Environmental Technologies (7<sup>th</sup> APCSEET), 15<sup>th</sup> to 17<sup>th</sup> October (2009) - (<http://apcseet2009.upc.edu.cn>) Qingdao, China
- [15]. M. K. M. Ali, K. Ibrahim, **M. H. Eisa**, M. G. Faraj, Osama S. Hamad and F. Azhari, Characterization of Indium Tin Oxide Thin Films Deposited by DC Magnetron Sputtering on Polyethylene Terephthalate Substrate, 1<sup>st</sup> CONVEEESH, International Conference on Engineering, Environment, Economic, Safety and Health, & 10<sup>th</sup> Senvar International Seminar on Environment and Architecture Science & Engineering for better life, 26<sup>th</sup> to 27<sup>th</sup> October (2009)(<http://acta.fih.upt.ro/pdf/2009-3/ACTA-2009-3-14-Event-3.pdf>), Manado, Indonesia
- [16]. M. K. M. Ali, K. Ibrahim, **M. H. Eisa**, M. G. Faraj, Osama S. Hamad and F. Azhari, Characterization of Polyethylene terephthalate substrate for optoelectronic applications, 1<sup>st</sup> CONVEEESH, International Conference on Engineering, Environment, Economic, Safety and Health, & 10<sup>th</sup> Senvar International Seminar on Environment and Architecture Science & Engineering for better life, 26<sup>th</sup> to 27<sup>th</sup> October (2009)- (<http://acta.fih.upt.ro/pdf/2009-3/ACTA-2009-3-14-Event-3.pdf>), Manado, Indonesia
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- [17]. M. H. Khalid, K. Ibrahim, M. N. Najimudin and **M. H. Eisa**, A comparison of Atomic Force Microscopy and Field–Emission Scanning Electron Microscopy for Imaging the Single Cell of E-Coli Bacteria, the National Physics Conference 2009 (PERFIK2009), 7<sup>th</sup> to 9<sup>th</sup> December (2009)- (<http://pvmc.uitm.edu.my/perfik/index.htm>),Malacca, Malaysia

- [18]. **M. H. Eisa**, H. Shen, Y. Mi, K. Ibrahim, M. H. Khalid, F. Azhari, K. M. Haroun and I. M. Elfaki, X-Ray Absorption Fine Structure Measurements on Bone Composition, International Conference on Nanotechnology- Research and Commercialization 2009 (ICONT2009), 14<sup>th</sup> to 17<sup>th</sup> December (2009)- (<http://icont2009.sirim.my>), Langkawi Island, Malaysia
- [19]. **M. G. Faraj**, **K. Ibrahim**, **M. H. Eisa**, M. K. M. Ali and F. Azhari, Comparative studies of the Properties of molybdenum thin films deposited on different substrates by dc sputtering, The 2<sup>nd</sup> ISESCO International Workshop and Conference on Nanotechnology 2010 (IWCN2010), 25<sup>th</sup> to 27<sup>th</sup> January (2010)- (<http://pkukmweb.ukm.my/~iwcN2010/>), Kuala Lumpur, Malaysia
- [20]. **M. H. Khalid**, **K. Ibrahim**, **M. N. Najimudin**, **M. H. Eisa** and **F. Azhari**, A Novel Technique to Trap and Investigate Single Cell E-Coli Bacteria on psi, The 2<sup>nd</sup> ISESCO International Workshop and Conference on Nanotechnology 2010 (IWCN2010), 25<sup>th</sup> to 27<sup>th</sup> January (2010) - (<http://pkukmweb.ukm.my/~iwcN2010/>), Kuala Lumpur, Malaysia
- [21]. **M. H. Khalid**, **K. Ibrahim**, **M. N. Najimudin**, **M. H. Eisa** and **F. Azhari**, Effect of Variable Current Density Parameter to Fabrication Porous Silicon, the 2<sup>nd</sup> ISESCO International Workshop and Conference on Nanotechnology 2010 (IWCN2010), 25<sup>th</sup> to 27<sup>th</sup> January (2010) - (<http://pkukmweb.ukm.my/~iwcN2010/>), Kuala Lumpur, Malaysia
- [22]. **M. G. Faraj**, **K. Ibrahim** and **M. H. Eisa**, Comparison of cadmium sulphide (cds) deposited on different substrates by Thermal Evaporation Technique for Applications in Solar Cells (Submitted, 2010)
- [23]. **M. G. Faraj**, **K. Ibrahim** and **M. H. Eisa**, Optical and structure properties of cadmium sulphide thin films deposited on polyethylene terephthalate substrates by Thermal Evaporation Technique (Submitted, 2010)
- [24]. **M. G. Faraj**, **K. Ibrahim**, **M. H. Eisa**, M. K. M. Ali and **F. Azhari**, Investigation on molybdenum thin films deposited by dc sputtering on polyethylene terephthalate substrate, International Journal of Polymeric Materials, Publisher Taylor & Francis 59: 8, 29 June (2010) 622- 627
- [25]. **M. G. Faraj**, **K. Ibrahim**, **M. H. Eisa**, M. K. M. Ali and M. Z. Pakhuruddin, Investigation of the Optical and Electrical Properties of Zinc Oxide Thin Films on Different Substrates by Thermal Evaporation Technique (Submitted, 2010)
- [26]. **M. H. Eisa**, **K. Ibrahim**, **M. N. Najimudin** and **M.H. Khalid**, A Review: Atomic Force Microscopy a Powerful Tool for Biomedical Material Samples (Submitted, 2010)
- [27]. **M. H. Eisa**, **K. Ibrahim**, **M. N. Najimudin** and **M.H. Khalid**, Upgrade of AFM Imaging for Biomedical Material Samples (In preparation, 2010)
- [28]. **M. H. Eisa**, **K. Ibrahim**, **M. N. Najimudin** and **M.H. Khalid**, ICP-Matching Network for Biomedical Material Samples (In preparation, 2010)
- [29]. **M. H. Eisa**, H. Shen, Y. Mi, H. Y. Yao, Z. Y. Zhou, PIXE Study on the Effects of Parathyroid Hormone on Bone mineral Content in Rat (Submitted, 2010)
- [30]. **M. H. Eisa**, **K. Ibrahim** and **M. G. Faraj**, A review on: Nano Biomedicine Materials Characterization Techniques (In preparation, 2010)
- [31]. **M. H. Eisa**, **K. Ibrahim** and **M. G. Faraj**, A review on Sample Preparation of Nano Biomedicine Materials (In Preparation, 2010)
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- [32]. **M. H. Eisa**, **K. Ibrahim**, **M. N. Najimudin**, **M.H. Khalid** and **M. G. Faraj**, A review on Substrates preparation for Biomedicine samples (In preparation, 2010)
- [33]. **M. H. Eisa**, **K. Ibrahim** and **M. G. Faraj**, Characterization and Fabrication of Liquid cells for imaging Nano Biomedicine Materials by AFM



- [34]. **M. K. M. Ali, K. Ibrahim, M. H. Eisa, M. G Faraj, Osama S Hamad and F. Azhari**, Deposited Indium Tin Oxide (ITO) thin films by DC- Magnetron Sputtering on Polyethylene Terephthalate Substrate (PET), (Accepted in: Romanian Journal of Physics, 2010)
- [35]. **M. H. Eisa, K. Ibrahim** Strength Densities and Gamma Function Calculations (In preparation, 2010)

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## **19. Seminars, Conferences, Symposia and Seminars (Selected)**

- [1]. **M. H. Eisa**, Monte Carlo Simulation on Bilayer Vesicle Shape, 2001, F U, Shanghai, CN
- [2]. **M. H. Eisa**, EXAFS Studies on Biomedical Science, 2002, F U, Shanghai, CN
- [3.] **M. H. Eisa**, PIXE Limitation of Quantitative Measurement to Biological Samples, 2003, FU, Shanghai, CN
- [4]. **M. H. Eisa**, Applications of PIXE Technique, 2003, SIFNS, KH, SD
- [5]. **M. H. Eisa**, PIXE Study on the effects of Parathyroid Hormone on the Trace Elements, 2004, F U, Shanghai, CN
- [6]. **M. H. Eisa**, Studies on Absorption Coefficient near edge, 2005, F U, Shanghai, CN
- [7]. **M. H. Eisa**, PIXE Study on the effects of different Age of rat on Bone mineral Content, 2005, F U, Shanghai, CN
- [8]. **M. H. Eisa**, Modern Nuclear Analytical Techniques and Their Applications (NATs), 2006, SUST, SD
- [9]. **M. H. Eisa**, Applications of Nuclear Techniques in Biomedical, 2006, SUST, SD
- [10]. **M. H. Eisa**, Theory and Characteristics of Atomic Force Microscopy, 2009, USM, My
- [11]. **M. H. Eisa**, ICP-Matching Network, 2009, USM, My
- [12]. **M. H. Eisa**, Upgrade of AFM Imaging for Biomedical Material Samples, 2009, USM, My

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## **20. International Conferences (Selected)**

- [1]. **1996**: International Conference on Holography and Optical Processing [ICHOP 96] Aug 26-28-1996, NNU, Nanjing, CN
- [2]. **2005**: The 15th International Conference on Dynamical Processes in Excited States of Solid [DPC2005] 30- 05 July -2005 F U, Shanghai, CN
- [3]. **2006**: The XXXVI Conference, Solid State Physics and Materials Science Workshop Nanostructure; Science; Fabrication; Characterization and devices 10-14- September 2006 Alexandria, Egypt
- [4]. **2007**: The first International Conference in Laser Science and Engineering and its Application, SUST, January 2007, KH, SD

## **21. Symposia, Summer School and Workshops (Selected)**

- [1]. **2007**: Seventh Symposium on Use of Nuclear Techniques in Environmental Studies, 3-5 September, 2007 Yarmouk University, Irbid- Jordan
- [2]. **2007**: CTP, Egypt, Cairo, Summer School 2007, Computational Techniques and Application, 9- 11

September 2007, at the British University, Cairo, Egypt

[3]. **2007:** ICTP, Italy, Trieste, School on Physics, Technology and Applications of Accelerator Driven Systems (ADS), 19 - 30 November 2007

[4]. **2008:** EAEA, Egypt, Cairo, Arab School on Research Reactors, 06-24 April 2008

[5]. **2008:** ICTP, Italy, Trieste, International Workshop on the Frontiers of Modern Plasma Physics 14 – 25 July 2008.

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## **22. Referees**

The following people I have written them as referees

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**1. Ali El-Tahir Sharaf Eldin (SUDAN)**

**Professor**, Physics Department, Faculty of Science, Khartoum University  
Professor, Director of the Sudan Institute for Natural Science (SIFNS),  
(Higher Ministry of Education, Sudan) Elgamah Street, KH, 11115, SD  
Tel : +249-183-779219, Fax +249-183-779219, E-mail: [sifns@gmail.com](mailto:sifns@gmail.com)

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**2. Izz-Eldin Mohamed Osman (SUDAN)**

**Professor**, Former vice Chancellor of SUST, KH, SD, E-mail: [izzeldin@acm.org](mailto:izzeldin@acm.org)

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**3. Awad Haj Ali (SUDAN)**

Professor, Vice Chancellor of El-Neleen University, KH, SD

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**4. Hisham Mohammed Widatallah (SUDAN), Professor, Physics Department, College of Science, Sultan Qaboos University**  
P.O. Box 36 Al-Khodh, Muscat 123 OMAN, E-mail: [hishammw@squ.edu.om](mailto:hishammw@squ.edu.om)

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**5. Yang, Fujia (China) •TWAS Fellow, Elected 1991**

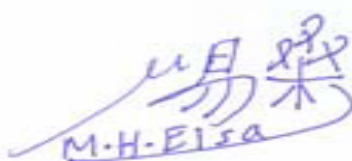
**Professor**, Former President of **Fudan University**, Shanghai P. R. China

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**6. Kamarulazizi Ibrahim (Malaysia)**

**Professor**, Nano–Optoelectronics Research & Technology Laboratory (NOR), the School of Physics, **Universiti Sains Malaysia**, 11800, Pulau Pinang, Malaysia, Tel : +6046533599 Fax: +606579150, Office No. 105,  
E-mail: [kamarul@usm.my](mailto:kamarul@usm.my)

**Dr. Mohamed Hassan Eisa Salim**



**Date: 11-07-2010**