

Personal Data:

Name : Dr. Abdalla Seed-Ahmed MAHGOUB

Date and Place of Birth : 01/01/1953 , Sudan

Nationality : Sudanese

Marital Status : Married (two boys)

Qualifications

- 1- Bachelor of Education(Physics & Mathematics, Division One) Univ. Of Khartoum, 1976 .
- 2- M. Sc (physics) Univ. of Khartoum, 1980 .
- 3- Ph. D. (physics) Univ. of Nottingham, U. K. , 1985 .

Employment History

- 1- Physics & Mathematics Teacher at Sudan High Secondary Schools, 1976-77 .
- 2- Teaching Assistant, Faculty of Education, Univ. of Khartoum, 1977-78 .
- 3- M. Sc. Student, Faculty of Science (physics), Univ. of Khartoum, 1978-80 .
- 4- Guest Scientist, Physics Dept. , Univ. of Uppsala, Sweden, 1980-81 .
- 5- Ph. D. student, Physics Dept. , Univ. of Nottingham, U. K. , 1981-85 .
- 6- Assistant Professor of Physics, Faculty of Education, Univ. of Khartoum, 1985-95 .
- 7- Guest Scientist Physics Dept. Univ. of Linkoping, Sweden, 1992-93 .
- 8- Associate Professor of Physics, Teachers Colleges of Education, Ministry of Higher Education, Sultanate of Oman, 1995-2003
- 9- Associate Professor of Physics, Faculty of Education, Univ. of Khartoum , 2003-to date

Experience

- 1- The duties of my employment since 1985 are teaching Physics courses, conducting labs., and supervising projects of Physics and Physics Education postgraduate students . I have taught most of Physics courses leading to B. Sc. Degree and M. Sc. Degree of Physics.

2- I have published a number of scientific papers and participated in many national and international conferences and seminars on Physics and Physics Education .

3- Member of many academic committees and committees of development and revision of Physics Curriculum . I have designed the syllabus of Physics for a number of Sudanese colleges .

4- I have written four books of undergraduate Physics ,three of them have been published in 2005,2006(Open Univ. Press) .

Publications

1- Molecular model of radiation damage in crystals, Radiat. Phys. Chem. 21, Rep. of Ireland (1983), PP.527-532, Abdalla S. Mahgoub, Anders Lund and Rune Liminga .

2- The G-value of () Ground state in InP measured by ESR, J. Phys. C: Solid State Physics. 16, U. K (1983), L49-L52, Abdalla S. Mahgoub , J. Mocan , L. Eves.

3- Quantum motion of Methyl group in Cadmium Acetate Dihydrate , J. Phys. C: Solid State Phys. 18 , U.K (1985) , PP. 647-653, Abdalla S. Mahgoub and S. Clough .

4- ENDOR Study of Hyperfine Couplings with X- irradiated Piezoelectric Single Crystals , J. Material Chem. 4(2) , U. K (1994), Abdalla S. Mahgoub , Anders Lund and Mikael Lindgren, pp. 223-227 .

5- Rotation of the deuterated methylene groups in the diffusional require (Isotope effect of anisotropic α -deuterons on ESR Line shapes) , Chem. Phys. Letters 218, Holland (1994), pp 551-556 , Nikolas P. Benetis , Abdalla S. Mahgoub , Anders Lund and U1f Nordh .

6- Effect of isotopic substitution on electron spin dynamic of free radical in irradiated methyl malonic acid powder ,J.Phys. Chem.,A1997,101,pp8987-8994, Nikolas P. Benetis , Abdalla S. Mahgoub , Anders Lund .

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