

CURRICULUM VITAE

جامعة الأزهر
Al-Azhar University-Gaza



Prof. Dr. Abdulkhalik Elfarra

Last Update:31/08/2016

PERSONAL DETAILS

Date Of Birth		Place Of Birth	Khanyounis
Nationality	palestininan		
Martial Status	married	Gender	Male
Designation	president - Alazhar university		
Department	Physics Department		
Faculty	Science		
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ACADEMIC QUALIFICATIONS

(YEAR , QUALIFICATION , INSTITUTION , TITLE)

1992	Doctoral Degree, PHD, Cairo University (Nuclear Physics)
1988	Master Degree, MSC, Cairo University (Nuclear Physics)
1984	Bachelor Degree, BSC, Ain Shams University (Physics)

ADMINISTRATIVE DUTIES

(START_DATE - END_DATE , ROLE , LEVEL)

2010 , till now President of AlAzhar University Gaza, Palestine ,
2010 , till now Member of Loan Fund for Undergraduate in Palestine , Department
2014 , till now Member of Water Sector Regulatory council , Department
2010 , till now Member of Council of Higher Education in Palestine , Department
2008 , 2010 Editor of Journal of Al-Azhar University , University
2008 , 2010 Dean of Postgraduate studies and scientific research , University
2006 , 2008 Editorial Board, Journal of Al-Azhar University Natural Sciences , University
2006 , 2008 Dean of Faculty of Science , Faculty
2005 , 2006 Dean of Admission and Registration , University
2002 , 2003 Chairman of Final Examinations Committee Al-Azhar University , University
2000 , 2002 Head of Physics Department , Department
1995 , 1996 Head of Physics Department , Department

PROFESSIONAL AFFILIATION/MEMBERSHIP

(YEAR , ORGANISATION , ROLE , LEVEL)

1996 Planetary Society, Pasadena, USA,, International
1995 The American Association for the Advancement of Science AAAS,, International
1994 The New York Academy of Science NYAS,, International

SELECTED PUBLICATIONS

- Article in Academic Journal

- 1 A. A. Farra () . Effect of Neutrons Pickup Transfer Channel on The Sub- Barrier Fusion Cross Sections,Submitted for publication,(,) ,. (ISI Cited Publication)
- 2 A. A. Farra () . Regularity of 6Li -Elastic Scattering Angular Distributions at Low-Energy,Hadronic Journal Physics HJP,(,) ,. (ISI Cited Publication)
- 3 A. A. Farra and Y.M. Soliman () . A dominance of The Quadruple Density in The $+$ Cross Sections,Central Eurpean J of Physics CEJP,(,) ,. (ISI Cited Publication)
- 4 A. A. Farra () . Dependence of The ^{12}C – Fusion Cross Sections on The Deformed Nuclear Potentials,Submitted for publication,(,) ,. (ISI Cited Publication)
- 5 A. A. Farra () . Contribution of The Low-Lying Inelastic Couplings in The Fusion Cross-Sections,Submitted for publication,(,) ,. (ISI Cited Publication)
- 6 A. A. Farra () . Enhancement of the Spin-Orbit Potential in (p, n) Cross Sections,Hadronic Journal Physics HJP,(,) ,. (ISI Cited Publication)
- 7 A. A. Farra () . Description of Large-Angle Elastic-Scattering at Low Energy,Submitted for publication,(,) ,. (ISI Cited Publication)
- 8 A. A. Farra (2007) . Instabilities of The Conventional Nucleus-Nucleus Interactions for (^3H , ^4He) Proton Pickup Cross-sections,International Journal of Theoretical Physics IJTP ,(46(3)) ,437. (ISI Cited Publication)
- 9 A. A. Farra (2007) . Normalization of The Elastic-Scattering Differential Cross-Sections in The Forward Region,B Balkan Physics Letter BPL,(15(1)) ,1. (ISI Cited Publication)
- 10 A. A. Farra and Y. M. Soliman (2005) . Compatibility of Folding and Coupled-Channel Calaulations for $^7\text{Li}+^{12}\text{C}$ Cross-sections,Balkan Physics Letter BPL ,(13(4)) ,178. (ISI Cited Publication)
- 11 A. A. Farra (2005) . Importance of Spin-Orbit Potential in High Energy One-Nucleon Transfer Cross Section,Commun. Theor. Phys. CTP,(5) ,17. (ISI Cited Publication)
- 12 A. A. Farra (2004) . Equivalent Potentials for the 210MeV Elastic Scattering Cross Sections,Balkan Physics Letter BPL,(12(2)) ,84. (ISI Cited Publication)
- 13 A. A. Farra and Y. M. Soliman (2004) . Particle-Particle Interactions for Alpha Transfer Reactions ,IL Nuovo Cimento,(119B) ,25. (ISI Cited Publication)
- 14 A. A. Farra (2004) . Analysis of One-Nucleon Transfer Cross- Sections,Turk. J. Phys. ,(28) ,169. (ISI Cited Publication)
- 15 A. A. Farra (2004) . Effect of Woods-Saxon Potential on the $^{16}\text{O} + ^{20}\text{Ne}$ Reaction Cross-Section,Commun. Theor. Phys. ,(41) ,296. (ISI Cited Publication)
- 16 A. A. Farra (2004) . Interpretation of the Conditional Saddle Shapes For asymmetric Heavy-ion Systems,Balkan Physics Letter BPL ,(12(3)) ,152. (ISI Cited Publication)
- 17 A. A. Farra (2004) . Enhancement Phenomenological Spin-Orbit Potential in Low-Energy Cross-Sections,AFJ ,(,) ,1. (ISI Cited Publication)
- 18 A. A. Farra (2004) . Predictions of Gaussian-Binding Interaction on The Elastic- Transfer Differential Cross Sections,IL Nuovo Cimento ,(119B) ,607. (ISI Cited Publication)
- 19 A.A.Farra and A.I.Assa'd (2004) . A Study of Multi-Nucleon Transfer Reactions Using Yukawa Potential,J. Al-Azhar University-Gaza,(7(2)) ,63. (ISI Cited Publication)
- 20 A. A. Farra and Y. M. Soliman (2004) . No Evidence of Normalization in Real Folding Potential,Balkan Physics Letter BPL,(12(3)) ,168. (ISI Cited Publication)
- 21 A. A. Farra (2004) . Contribution of the Exchange Process on the Cross Sections of Alpha Transfer Reactions,Hadronic Journal ,(27) ,177. (ISI Cited Publication)
- 22 A. A. Farra and A. I. Assa,d (2004) . Contribution of The Spin-Orbit Potential on The Large Angle Cross -Sections of Alpha Tansfer Reactions,Rajasthan Acad. Phy. Sci.,(Vol 3(4)) ,257. (ISI Cited Publication)
- 23 A. A. Farra (2003) . A Study of Direct Two- Proton Transfer Reactions Using Optical Potential Model,,(27) ,1. (ISI Cited Publication)

- 24 A. A. Farra (2003) . Contribution of J-Dependent Potential in Differential Cross-Sections of Two-Nucleon Transfer Reactions,International Journal of Theoretical Physics itjp ,(42) ,881. (ISI Cited Publication)
- 25 A. A. Farra (2003) . A study of $^{16}\text{O} + ^{24}\text{Mg}$ Reaction Using a Coupled Channel Approach,Commun. Theor. Phys.,(40) ,195. (ISI Cited Publication)
- 26 A. A. Farra, A. I. Assa,d and H. Khalil (2003) . A study of Heavy-Ion Reactions with Alpha particle Transfer”,Balkan Physics Letter BPL ,(11(4)) ,185. (ISI Cited Publication)
- 27 A. A. Farra (2003) . Effect of Yukawa Potential on Alpha Transfer Reactions,Hadronic Journal ,(18) ,189. (ISI Cited Publication)
- 28 A. A. Farra (2000) . Folding Cluster Model for ^6Li Scattering from ^9Be and ^{16}O ,Commun. Theor. Phys.,(33) ,499. (ISI Cited Publication)
- 29 A. A. Farra (1998) . A study of the Alpha-Transfer in the $^{16}\text{O}+^{20}\text{Ne}$ Elastic Scattering Using A phenomenological Model,Balkan Physics Letters BPL,(6(2)) ,134. (ISI Cited Publication)
- 30 A. A. Farra (1998) . A study of Heavy-ion Elastic Scattering Reactions Using A semi-microscopic Model ,Turk. J of Physics ,(22) ,895. (ISI Cited Publication)
- 31 A. A. Farra (1997) . A study of $^6\text{Li} + ^{12}\text{C}$ Elastic Scattering Using A double- folding Cluster Model ,Balkan Physics Letters BPL,(5(3)) ,144. (ISI Cited Publication)
- 32 A. Farra (1997) . Description of Backward Anomaly in $^6\text{Li} + ^{12}\text{C}$ Scattering ,Nuclear Science Journal NSJ ,(34(2)) ,127. (ISI Cited Publication)
- 33 A. A. Farra (1996) . Effect of Gaussian Potential on the Differential Cross Section of Alpha Transfer Reactions,Commun. Theor. Phys. ,(26) ,433. (ISI Cited Publication)
- 34 A. A. Farra (1996) . Multi-Interactions of Multi-Nucleon Transfer Reactions in the Whole Angle Region,Canad. J. Phys.,(74) ,11. (ISI Cited Publication)
- 35 A. A. Farra, M. A. Allam and S. A. Saleh (1995) . Nucleus-Nucleus Interactions for Heavy-Ion Transfer Reactions in the Whole Angle Region ,Balkan Physics Letters BPL ,(3(2)) ,102. (ISI Cited Publication)
- 36 A. A. Farra, M. A. Allam, S. A. Saleh and A. A. Nijim (1994) . Contributions of Phenomenological Interactions in Differential Cross Sections of Alpha Transfer Reactions ,Ain Shams University, Journal of the Faculty of Educ.,(19) ,771. (ISI Cited Publication)
- 37 M. A. Allam and A. A. Farra (1994) . Effect of Spin-Dependent Potentials on Trinucleon Charge Form Factors ,Ain Shams University,Journal of the Faculty of Education ,(19) ,747. (ISI Cited Publication)
- 38 A. Osman and A. A. Farra (1994) . Contribution of the Parity Dependent Potential in Heavy-Ion Transfer Reactions ,International Journal of Modern Physics,(E) ,162. (ISI Cited Publication)
- 39 A. Osman and A. A. Farra (1994) . Contribution of the Density Dependent Interactions in Heavy-Ion Transfer Reactions ,Canad. J. Phys.,(49) ,37. (ISI Cited Publication)
- 40 A. Osman and A. A. Farra (1994) . The J-Dependent Distorting Optical Model Potential in Heavy-Ion Transfer Reactions ,IL Nuovo Cimento ,(A107) ,207. (ISI Cited Publication)
- 41 A. Osman and A. A. Farra (1991) . Differential Cross- Sections of Cluster Transfer Heavy-Ion Reactions in the Whole angle Region ,IL Nuovo Cimento ,(A104) ,1563. (ISI Cited Publication)

42 A. Osman and A. A. Farra (1990) . Cluster-Stripping Reactions in the Heavy -Ion Collisions, IL Nuovo Cimento,(A103) ,1693. (ISI Cited Publication)

43 A. Osman and A. A. Farra (1989) . Direct Reaction Mechanism for Heavy-IonReactions with Particle Transfer ,J. Phys. G: Nucl. Part Phys,(15) ,871. (ISI Cited Publication)

TEACHING

(LEVEL , COURSE)

First Degree

* General physics, Quantum mechanics, Nuclear physics, Radiation physics

Post Graduate

* Advanced quantum mechanics, Advanced Quantum models/chemistry, High energy physics, elementary particles, Direct Nuclear reactions, Nuclear reactors , Scattering theory, Nuclear spectroscopy
