

CURRICULUM VITAE

Sami Botros Hanna, Ph.D.



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Personal:

First name: Sami

Family name: Hanna Dawud

Date of Birth: 10/7/1960

Marital Status: Married & has
three children

Nationality: Egyptian

Passport No:

Issued at: El-Minya, Egypt.

Date of Issue:

Valid until:

Education Degree

University

Dates attended

Ph.D.

(Physics and
Mathematics)

M.Sc. (Physics)

B.Sc. (Physics)

Moscow State University, Russia

Faculty of Physics, **SINP**

(Skobeltsyn Institute of Nuclear Physics)

Minia University, Egypt

Minia University, Egypt

From To

1990 1994

1983 1988

1977 1981

Professional Experience:

Title/Rank

Institution

Dates

From To

Full-time Professor

Physics Department,
Minia University, Egypt

2020 date

Assistant Professor

Physics Department,
Omar Al-Mukhtar University, Libya

2004 2007

Lecturer

Physics Department,
Minia University, Egypt

1994 2020

Assistant Lecturer

Physics Department,
Minia University, Egypt

1988 1994

Demonstrator

Physics Department,
Minia University, Egypt

1981 1988

Dissertations:

- 1- **Ph.D.** Degree in July 1994: "Ядерный Потенциал на Основе Дисперсионного Оптико-Модельного Анализа Упругого Рассеяния Протонов Ядрами $50 \leq A \leq 64$ ".
Nuclear Potential on the Base of Dispersion Optical Model Analysis of Elastic Proton Scattering on Nuclei with $50 \leq A \leq 64$.
- 2- **M.Sc.** Degree in Feb. 1988: Studies on Some Radon Decay Products in the Atmosphere.

Membership:

Member of the Egyptian Scientists Syndicate.

Courses Taught:

- 1- General Physics
- 2- Atomic Physics
- 3- Nuclear Physics
- 4- Atomic Spectra
- 5- Quantum Mechanics
- 6- Thermodynamics

- 7- Special Relativity
- 8- Modern Physics
- 9- Plasma Physics
- 10- Electromagnetism
- 11- Nuclear Reactors

Courses Can Be Taught:

- 1- Radioactivity
- 2- Any Branch in Modern Physics

Publications:

1. **Dispersion Optical-Model Analysis of Scattering Protons with Energy $E \leq 65$ MeV from $^{58}, ^{60}, ^{62}, ^{64}\text{Ni}$ Nuclei.** Bulletin of the Russian Academy of Sciences-Physics 1999, 63 (5), pp. 781-790
2. **Dispersive optical-model analysis of the proton scattering on nuclei ^{58}Ni , ^{60}Ni , ^{62}Ni , ^{64}Ni at $E < 65$ MeV.** IZVESTIYA AKADEMII NAUK SERIYA FIZICHESKAYA 1999, 63 (5), pp. 980-991
3. **Energy dependence of the volume integrals of Hartree-Fock real proton optical potential for nuclei with $40 < A < 124$ and $25 < E < 65$ MeV.** IZVESTIYA AKADEMII NAUK SERIYA FIZICHESKAYA 1998, 62 (1), pp.150-155.
4. **Proceedings of the Forty-Seventh International Conference on Nuclear Physics-Obninsk, 10-13 June 1997-Energy Dependence of the Volume Integral in the Hartree-Fock Component of ...** Bulletin of the Russian Academy of Sciences-Physics 1998, 62 (1), pp.127-131.
5. **Analysis of the data on proton scattering by ^{92}Mo , ^{94}Mo , ^{96}Mo , ^{98}Mo , ^{100}Mo nuclei at $E_p < 60$ MeV.** IZVESTIYA AKADEMII NAUK SERIYA FIZICHESKAYA 1997, 61 (4), pp. 802-806.
6. **Scattering of Protons from $^{92}, ^{94}, ^{96}, ^{98}, ^{100}\text{Mo}$ Nuclei at $E_p < 60$ MeV.** Bulletin of the Russian Academy of Sciences. Physics 1997, 61 (4), pp. 631-634.
7. **Using Variation Moment Approach (VMA) for Analyzing Scattering of Closed-Barrier Energy Protons on ^{50}Cr Nuclei.** Russian Science Academic News, Physics Series, 1996, Vol. 60, No. 5, pp. 42-46.
8. **Total Reaction Cross Sections for $p + ^{54}, ^{56}, ^{57}, ^{58}\text{Fe}$ Systems.** Bulletin of the Russian Academy of Sciences-Physics 1995, 59 (1), pp. 125-129.
9. **TOTAL REACTION CROSS-SECTION ANALYSIS FOR THE SYSTEMS $P + ^{54}\text{Fe}$, ^{56}Fe , ^{57}Fe , ^{58}Fe .** IZVESTIYA AKADEMII NAUK SERIYA FIZICHESKAYA 1995, 59 (1), pp.145-150.
10. **Study of the Properties of Scattering of Low Energy Protons on the $^{50,52,53,54}\text{Cr}$ and $^{85,60,62,64}\text{Ni}$ Nuclei.** Russian Science Academic News, Physics Series, 1995, Vol. 59, No. 5, pp. 117-132.
11. **Study of Optical Imaginary Potential Dependence on A for Nuclei of $50 \leq A \leq 70$.** Russian Science Academic News, Physics Series, 1995, Vol. 59, No. 5, pp. 112-116.
12. **Analysis of Reaction Total Cross-Section for Systems $p + ^{54,56,57,58}\text{Fe}$.** Russian Science Academic News, Physics Series, 1995, Vol. 59, No. 1, pp. 145-150.
13. **Analysis of Reaction Total Cross-Section for System $p + ^{59}\text{Co}$ in the Frame of Variation Moment Approach.** Russian Science Academic News, Physics Series, 1993, Vol. 57, No. 10, pp. 179-186.
14. **Effect of Some Meteorological Factors on the Concentration of ^{222}Rn Short Lived Daughters in the Atmosphere of El-Minia.** (1988) Bull. Fac. Sci., Assiut Univ., 17 (1-A), 171-180.

Paper and Abstract in Conference Proceedings:

1. **Analysis of Data of Proton Scattering on $^{92,94,98,100}\text{Mo}$ Nuclei.** Abstracts of the Reports of the International Conference of Nuclear Physics. Moscow, June 18-21,1996, pp. 215.
2. **Concentration of ^{222}Rn Short Lived Daughters in the Atmosphere of El-Minia.** 4th Conf. Nuc. Sc. and Appl., Cairo 1988, pp. 656-661.