

Short CV of Prof. Mohamed Assaad Abdel-Raouf



Name: Mohamed Assaad Abdel-Raouf

University Degrees:

(1) Dr. rer. nat. habil. (Doctor of Science) in Theoretical Chemistry awarded in 1991 by Institute for Theoretical Chemistry, University of Erlangen-Nuremberg, Erlangen, West Germany (Referees: Prof. J. Ladik (Erlangen-Nuremberg Univ., WG), Prof. M. G. Huber (Bonn Univ. WG) and Prof. J. Cizek, (Waterloo Univ., Canada)).

(2) D. Sc. (Doctor of Science) in Physics awarded in 1989 by Faculty of Science, Cairo University in Collaboration with the Royal Society of London (Referees: Prof. M. J. Seaton (University College, London, UK), Prof. H. B. Bransden (University of Durham, Durham, UK) and Prof. B. L. Moiseiwitsch (the Queen's University of Belfast, UK)).

(3) Dr. rer. nat. (PhD) in Theoretical Physics awarded in 1977 by The Institute of Theoretical Physics, University of Tubingen, Tubingen, West Germany (Referees: Prof. Karl Wildermuth and Prof E. Schmidt).

(4) M. Sc. In Theoretical Atomic Physics, awarded 1972 by the Faculty of Science, Ain Shams University, Cairo, Egypt (Referees: Prof M. A. Elnadi (Cairo Univ. Egypt) and A. H. Mousa (Ain Shams Univ., Cairo Egypt).

(5) B. Sc. In Mathematics and Physics awarded in 1967 by the Faculty of Science, Ain Shams University, Cairo, Egypt.

Occupations: Professor of Theoretical Nuclear and Atomic Physics, Physics Department, Faculty of Science, Ain Shams University (1992-till now) and President of the Specialization Committee of Basic Sciences and Agricultural Studies at the Supreme Council of Egyptian Universities, Cairo, Egypt (March 2020-till now).

Affiliation: Physics Department, Faculty of Science, Ain Shams University, Cairo, Egypt.

Important Prizes:

(1) Winner of Ain Shams University Merit Prize for Basic Sciences for 2018.

(2) Winner of Omar El-Farouq prize for best Nuclear Physicist awarded by the Fulbright Organization in Cairo, 1993,

(3) Winner of Fulbright Prize for 1993.

(4) Winner of the DAAD Scholarship for obtaining the PhD in Theoretical Physics, University of Tübingen during the period 1973-1977.

Promotions:

(1) Promoted in 1989 with distinction to Full Professor of Applied Mathematics, by the Egyptian Supreme Committee for promoting Professors in Mathematics (Chairman: Prof. Dr. Afaf Sabry).

(2) Promoted in 1992 with distinction to Full Professor in Theoretical Atomic and Nuclear Physics, by the Egyptian Supreme Committee for promoting Professors in Physics (Chairman Prof. Dr. Mohamed Abdelmaksoud Elnadi).

Scientific Activities:

(1) Supervised 15 PhD Students (in Atomic Physics, Nuclear and Particle Physics, Material Sciences and Theoretical Chemistry) at Ain Shams, Cairo, and Menofia Universities.

(2) Supervising 6 M. Sc. Students (in Atomic Physics, Nuclear Physics and Materials Sciences) at Ain Shams, Cairo, Beni Sweif and United Arab Emirates Universities.

(3) Recently published a scientific book entitled "**Novel Contributions in Theoretical Physics: Advanced Topics of Theoretical Physics**", LAMBERT Academic Press, (ISBN: 978-620-0-54881-8) 242 pages.

(4) **Editor in Chief** of the Proceedings of the "First International Conference on Particles, Materials and Energy: Advanced Medical and Industrial Applications", **published by the IOP Journal of Physics Proceedings Series, Volume 1252, (2019), 374 pages.**

ISBN:

(5) Published 218 scientific Papers in peer reviewed Journals and Proceedings of International Conferences.

(6) Participated in 62 International Conferences held in Western European Countries, Canada, and United States of America where I presented oral talks, posters, and chaired sessions.

(7) Worked as Postdoctoral, Assistant, Research Associate, Research Co-Worker and Visiting Professor at Tübingen, Freiburg, Erlangen-Nuremberg Universities (west Germany) (1977-1982, 1984-1992) York University (Canada, 1983) and Solid-State Division at Oak Ridge National Laboratory, (USA) 1994. Also Worked as Visiting Professor at the Physics Department, Qatar University (1995-1999) and Physics Department Faculty of Science UAEU (2000-2014)

(8) Chairman of the Organizing Committees and Editor of the Book of Abstracts and the Proceeding of the Following Meetings:

(a) Book of Abstracts of the "**First International Conference on Particles, Materials and Energy: Advanced Medical and Industrial Applications**" held in Luxor, Egypt, December 2-6, 2018.

(b) Book of Abstracts of the "**First International Conference on the Concept of Time in Science, Philosophy and Theology**", held at United Arab Emirates University, Al Ain, UAE, February 28-March 1, 2012.

(4) Galileo Galileia “Dialogue Concerning the Two Principle Systems of the Universe: The Proteomic and Copernican Systems”

حوار حول النظامين الرئيسيين للكون: النظام البطليموسي والنظام الكوبرنيقي

Books Numbers 91, 92 and 93 in New Thousand Books Series Published by the National Egyptian Book Organization, (1990, 1991, 1991, respectively)

Part 1: (ISBN: 977-01-2003-9 1990/5248 رقم الإيداع: 279 pages.

Part 2: (ISBN: 977-01-1133-3 1991/5248 رقم الإيداع: 272 pages.

Part 3: (ISBN: 977-01-2824-1 1991/7206 رقم الإيداع: 283 pages.

(5) “Reflections on Science and Culture تأملات في العلم والثقافة” published recently by the National Egyptian Book Organization, (2021) (ISBN: 978-977-91- 3409-3

2021/22149 رقم الإيداع: 352 pages.

(6) Translated and edited several scientific papers published in the Arabic version of the Journal Scientific Americans.

(7) Further Information could be found on ResearchGate, Landline, Facebook and Who is Who in Physics, by introducing my full name “Mohamed Assad (Assaad) Abdel-Raouf or محمد أسعد عبد الرؤوف

(8) Nuclear Reactors and their Effects on Environment (المفاعلات النووية وآثارها على البيئة: دار) (2023), 258 pages, (ISBN: 978-977-482-5 2023/ 4247: رقم الإيداع: . (العالم العربي

E-mail: assaad@sci.asu.edu.eg

Mobile and WhatsApp: (02) 01121653853

(9) Galileo Galileia “Discourse Concerning Two New Sciences: Mechanics and Local Motion”

محادثات حول علمين جديدين: الميكانيكا والحركة المكانية

in New Thousand Books Series Published by the National Egyptian Book Organization, (2023) 462pages ISBN: 9781-977-91-4323-1, 2023/1998 رقم الإيداع: .