



Surname(s) / First names **Raduta Apolodor Aristotel**

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Nationality Romanian

Date of birth 6th of March 1943

Gender Male

Desired employment / Occupational field **IFIN-HH, Physics, research, PhD supervisor**

Work experience

Dates Positions: within the time intervals 1)1965-1968;2)1968-1970;3)1970-1971; 4)1971-1975 ; 5)1975-1981;6)1981-1990; 7)1990-present; 8)1975-1976; 9)1999-2010,;10) 2002-2010; 11)2008- 3 months, I had the positions:

Occupation or position held 1) Physicist-chemist; 2) Stagiary researcher; 3) Researcher at IUCN Dubna 4) Physicist; 5) CS III ;6) CS II; 7) CS I; 8) Senior Fellow at Fundatiei Humboldt; 9) Full professor, Physics Faculty, Department of Theoretical Physics Bucharest University. Present status: Professor Emeritus 10) Director General of the research center "Theoretical Physics", Bucharest University (24 members); 11) Distinguished Professor at Complutense University, Madrid

Main activities and responsibilities Research, teaching, supervising doctorands. Since 1984 about 18 students got the title of "Doctor in Physics" under my supervision. Since 1980, at IFIN-HH I was the leader of a group of 4-5 researchers. At Bucharest University I was Director General of the "Theoretical Physics" research center (25 members). In the time interval 1998-2000 I was the Scientific Council President of IFIN-HH.

Name and address of employer National Institute of Physics and Nuclear Engineering-Horia Hulubei (IFIN-HH), Str. Reactorului 30, Magurele-Bucuresti and Buch. Univ, Str. M. Kogalniceanu nr. 36-46, Sector 5, 050107.

Type of business or sector

Education and training

Dates Teaching as a full Professor and Research in the Nuclear Theory field as senior res. rank 1 1)1969-1972; 2) 1967-1972; 3) 1960-1965; 4) 1956-1960

Title of qualification awarded 1) PhD in the field of Theoretical Physics; 2) Diplomat in Mathematics and Mechanics, specialized in Mathematical Analysis; 3) Diplomat in Physics, specialized in Theoretical Physics; 4) Diplome of Bacalaureat.

Principal subjects/occupational skills covered Physics: mechanics, Thermodynamics and statistical Physics, optics, electricity, electrodynamics, field theory, elementary particles, equations of mathematical physics, group theory, differential equations, numerical analysis, special relativity, theoretical mechanics, quantum mechanics. Mathematics: mathematical analysis, theory of probability, differential equations, functional analysis, group theory, numerical analysis, differential geometry, numbers theory, mathematical logic, equations of mathematical physics, analytical geometry, theory of complex functions, mathematical numerical codes. 1) Buch. University 2) Buch. University 3) Buch. University, High School-Bolintinul din Vale

Name and type of organisation providing education and training

Personal skills and competences

Distinctions: a) 1974- the prize Dragomir Hurmulescu awarded by Academy of Romania; b) 2012- the prize Serban Titeica awarded by Academy of the Romanian Scientists; c) 2000- the presidential order "For Merit with the officer degree" given by the Romanian President Emil Constantinescu. d) 1992-2005, member of the editorial board of Rom. Jour.Ph. f) 2008-full member of the Academy of Romanian Scientists;

g) 2008-through a strong competition I got the title of **Distinguished Professor** at Complutense University, Madrid;h) 2000-the prize of the Humboldt Foundation “**The Stability Pact in South-East Europe**”; i) 1994- visiting professor grant at Napoli University granted by EU within the Copernicus programme. j) 2011- **Professor Emeritus at Bucharest** University; k) 2011- member of the American Chemical Society; l) 2011-codirector of the NATO project “Topical research in Theoretical Nuclear Physics, 3 years;m) several successive DFG grants as visiting professor at Tuebingen University;n)1999-2005,member in the editorial board of European nuclear News; o) Referee for:Journal of Physics A, B, G, Physica Scripta, Physical Review c, European Physical Journal A, Int. Jour. Mod.Phys. E;p) 2008-member in the editorial boards of The open Nuclear& particle Physics Journal, Annals of University of Craiova, Annals of Physics, Academy of Romanian Scientists; r) 2013-A special issue of Romanian Journal of Physics (vol.58,nr9-10) was dedicated to my 70th birthday anyversary; s) 2013-It was an honour for me to deliver the opening lecture of an annual six lectures series organized by Humboldt Foundation at the Tuebingen University; ss) 2016- **The Prize Grigore Moisil for Exact Sciences** was awarded by the Grand Lodge of Romania and the Romanian Academy; t) Since 1984, when I received the right to supervise doctorands, 20 PhD fellows defended their thesis.

Publications: 280 among which 235 in ISI journals; Citations: 1) in the latest 20 years: 1860 2)for the whole time period 2320; Hirsh index=26; According to Research Gate: 1) impact points 554.10;2) RG score: 43.14; References:Google Scholar Citations; Research Gate; Researcherid.

Books: 1) Fundamentals of Nuclear Theory, 624pp. Ed. Bucharest University;2)Elements of Special Relativity, 230pp, Ed. Bucharest University; 3) Nuclear Structure with Coherent States, 521 pp, Ed. Springer Verlag4) Coherent State Model for several interacting bands, 1-70, chapter in the book “Recent Res. Dev. In Nucl. Phys., 2004, Transworld Research Network, Ed. S. G. Pandalai; 5-10)

Editor os 6 proceedings published by Springer (1), World Scientific (4), ICFIZ (1).

Who is who:a) Who is who in the world, Foundation Marquis who is who in USA b) Outstanding people of 20-th century ed. International Biography center, Cambridge; c)Who is who in the world, ed. Baron Foundation Dictionary of International Biography, International Biographical Centre, Cambridge CB2, 3QP England d) Outstanding 500 people from Europe, ibid.; e) 2000 outstanding intellectuals of the 21st century, ibid.;f) Who is who in science and tehnology, ed. The Marquis Foundation;g) Encyclopedia of Romanian personalities, by who is who, Verlag fuer Personenezycloepedien AG.

B

Driving licence

Mother tongue

Romanian

Other languages

Self-assessment. Eur. level (*)

| | Understanding | | | | Speaking | | | | writing | |
|----------------|---------------|------------|---------|------------|--------------------|------------|-------------------|------------|---------|------------|
| | Listening | | Reading | | Spoken interaction | | Spoken production | | | |
| English | C2 | Exper.user | C2 | Exper.user | C2 | Exper.user | C2 | Exper.user | C2 | Exper.user |
| French | C2 | Exper.user | C2 | Exper.user | C2 | Exper.user | C2 | Exper.user | C2 | Exper.user |
| Russian | B2 | Indep.user | B2 | Indep.user | B2 | Indep.user | B2 | Indep.user | B2 | Indep.user |
| Deutch | B2 | Indep.user | B2 | Indep.user | B2 | Indep.user | B2 | Indep.user | B2 | Indep.user |

(*) Common European Framework of Reference for Languages

Annexes

Attached documents: 1) Achievments; 2) managing experience; 3) the best 20 papers; 4) Papers published in the last 10 years; 5) The full list of ISI papers; 6) Report on my activity