

PERSONAL INFORMATION

Sahagia Maria

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Sex F | Date of birth | Nationality Romanian

JOB APPLIED FOR
POSITION
PREFERRED JOB
STUDIES APPLIED FOR

WORK EXPERIENCE

Replace with dates (from - to) -

1966 – present. Institutul National de C&D pentru Fizica si Inginerie Nucleara Horia Hulubei, IFIN-HH, Str. Reactorului nr.30, RO077125, Magurele, Jud. Ilfov, Romania

Period 2017 – present

Retired and part time employee, Senior researcher, IFIN-HH
PhD supervisor and Associated Professor, Bucharest University
Lecturer at the Center for Personnel Training in the Nuclear Field, IFIN-HH

Period 2003 – 2016

Accredited Radionuclide Metrology Laboratory Head, EU/ISO/IEC 17025:2005
Senior researcher, 1-st degree, IFIN-HH, since 1993
PhD supervisor and Associated Professor, Bucharest University, since 2009
Lecturer at the Center for Personnel Training in the Nuclear Field, IFIN-HH, since 2003.

Period 1992-2003

Department head : Radioisotope research and production, IFIN-HH

Period 1983 - 1992

Laboratory head: Radiation detectors and dosimetry methods, IFIN-HH

Period 1966 – 1983

Scientific researcher in Radionuclide Metrology , IFIN-HH

- Research Projects Director:

PNCDI I: CERES, ctr. 78 and 3-99; CALIST, ctr. 2158; INFRAS ctr. 240
IFIN-HH, projects : 03-20 04 04/2003; 06 35 03 04/2006.

IAEA, Ctr. 12921/2004-2009;

PNCDI II, Partnership, Contract 71-102/2007 (Primary Romanian Radon Standard); Idei, Contract 23/05.10.2011 (PN-II-ID-PCE-2011-3- 0070, Absolute standardization and study of the decay parameters of the positron emitters for PET systems. Assurance of the metrological traceability)

Program EURAMET, EMRP A169, JRP - Ctr. No. IND04-MetroMETAL - IFIN-HH Contact person.

- Participant at Research Projects:

IFA, Romania – CEA, France Ctr. C2-05/2012 and Ctr. C5-09/2016,
Partnership, PN-II-PT-PCCA-2011-3.1- 0741:

Program EURAMET, EMPIR, JRP-Ctr. No. 16ENV10 MetroRADON; 19ENV02, Remote ALPHA,2020-2022

ANNETTE EU project, Grant Agreement no. 661910, 2016-2020 ;

- Responsible for the collaboration accord,CEA/LNE-LNHB France - IFIN-HH ,1993 – 2017

- PhD supervisor for 7 PhD students, 6 theses finalized and title awarded, since 2009.

- Member of the Scientific Committee of the International Conferences : "Tritium Science andTechnology" Baden-Baden, Germania, 2004; Proficiency Testing PT Conf: 2011, 2013, 2015, 2017 and 2019 and of the *FERAS 2012*, Cluj-Napoca, Romania. Member of the Extended Scientific Committee of the 6-th European Congress on Radiation Protection, 30 May- 6 June 2022, Budapest, Hungary

- International consultant/evaluator: IAEA, Vienna, Austria, 2002; Capetown University, South Africa (PhD thesis referee),2008; Polish Centre for Accreditation, 2008; : National Research Foundation, Pretoria, South Africa , 2009

- Referee for international journals:

Ed. Elsevier: Nuclear Instruments and Methods in Physics Research, A, Applied Radiation and Isotopes, Radiation Measurement, Radiation Physics and Chemistry, Radiation Protection Dosimetry, Scientific World;

Ed. Springer: Journal of Radioanalytical and Nuclear Chemistry;

Ed. of Romanian Academy: Romanian Journal of Physics and Romanian Reports in Physics

Non ISI Thomson: Conferences RAD-2015, 2016, 2017, 2018; Journal of Experimental Physics

Business or sector Research in the field of the Metrology of Ionizing Radiations – Radionuclide Measurement

EDUCATION AND TRAINING

1972 -1978 PhD student, Nuclear Physics, IFIN - Institutul de Fizica si Inginerie Nucleara

Title of thesis: Absolute standardization of the pure beta and complex decay scheme radionuclides by extrapolation and tracing methods

1961 – 1966, Bucharest University, Physics Faculty, Nuclear Physics

PERSONAL SKILLS

Mother tongue(s) Romanian

Other language(s)

UNDERSTANDING

SPEAKING

WRITING

Listening

Reading

Spoken
interaction

Spoken
production

English

C2

C2

C2

C2

C2

Replace with name of language certificate. Enter level if known.

French

C2

C2

C2

C2

C2

Replace with name of language certificate. Enter level if known.

Levels: A1/2: Basic user - B1/2: Independent user - C1/2 Proficient user
Common European Framework of Reference for Languages

Communication skills

Good communication skills, gained through my experience as : as research team head , presentation of oral scientific papers at international conference, as a lecturer at our Department of Training and as Professor at the University

Organisational /
managerial skills

Good organizer, due to the long leadership activity.
Currently responsible for teams from 6 to 120 people

Job-related skills

Many published articles in journals quoted in the ISI Thomson (Clarivate) data base; Interesting and attractive conferences and lectures; Precision in measurement, evaluation and systematizing of data; Experience in writing reports and scientific/technical papers

Computer skills

Good command of Microsoft Office™ tools, acquired in the current work

Other skills

Driving licence

No

ADDITIONAL INFORMATION

Publications <http://www.nipne.ro/publication>
Presentations <http://www.nipne.ro/publication>
Projects See details above about projects
Conferences <http://www.nipne.ro/publication>
Seminars <http://www.nipne.ro/publication>

Honours and awards **Romanian Academy Prize** "Horia Hulubei", in 2000, for the year 1998;
SIR 2000 , ANSTI;
Excelence in Metrology in 2003, Romanian Bureau of Legal Metrology ;
CONRO 2004, Ministry of Education and Technology

Memberships Romanian Society for Radiation Protection, associated at IRPA; Member
of the International Committee for Radionuclide Metrology, ICRM; IFIN-
HH representative in CIPM-CCRI(II), 2004 - 2017

ANNEXES Publications. According to [www.nipne.ro/research/publication list/](http://www.nipne.ro/research/publication_list/)
Maria Sahagia:
145 published papers; 83 conference presentations; 12 books,
chapters in books

28.02.2022

