

Short Curriculum Vitae

Name: ROXANA-NICOLETA BUGOI**Position:** Senior Research Scientist (CS2)**Affiliation:** Horia Hulubei National Institute for Nuclear Physics and Engineering (IFIN-HH), Magurele, Romania**Address:** 30 Reactorului Street, PO BOX MG-6, Magurele 077125, Romania**Phone:** +40214046104**Fax:** +40214574440**E-mail:** bugoi@nipne.ro**BrainMap ID:** U-1700-038L-9454**ORCID ID:** 0000-0002-8247-9355<https://www.researchgate.net/profile/Roxana-Bugoi><https://ifin.academia.edu/BugoiRoxana>https://www.nipne.ro/6718-staff_info.htmlEDUCATION

No.	Institution	Field	Period	Scientific title
1.	University of Bucharest, Physics Faculty	Physics	Oct. 1998 – March 2005	Ph. D.
2.	The Royal Institute of Technology, Stockholm, Sweden	Engineering/Physics	Sept. 1999 – Dec. 2000	M. Sc.
3.	University of Bucharest, Physics Faculty	Physics	Oct. 1989 – June 1994	B. Sc.

LONG VISITS ABROAD

No.	Country/institution	Period	Type of stage
1.	Spain – University of Sevilla, Centro Nacional de Aceleradores (CNA)/ Junta de Andalucia project of excellence	Oct. 2007 – Oct. 2008	Post-doctoral stage
2.	Sweden – The Royal Institute of Technology, Stockholm (KTH)/ Swedish Institute (SI) bursary	Sept. 1999 – Dec. 2000	M. Sc.

RESEARCH EXPERIENCE

Professional activity	Research scientist (physicist) at IFIN-HH, Magurele, Romania (since 1994 until today): Assistant research scientist (1994-1996)/Junior research scientist (1996-2008) / Senior research scientist (2009-present)
Main scientific research fields	Application of atomic and nuclear methods of analysis - XRF, IBA, CT, XRD - for compositional and structural characterization of Cultural Heritage (CH) artefacts; study of particle irradiation effects on various materials
Participation in scientific research projects	<ul style="list-style-type: none"> Team member/investigator in 26 national and international research projects 50 short-term stages in foreign laboratories/research institutes 20 successful beam-time proposals/principal investigator within EU FP7 and HORIZON 2020 projects – experiments related to transnational access to large scale facilities (CHARISMA, SPIRIT, ENSAR, ENSAR2, IPERION CH, IPERION HS)
Publications	<ul style="list-style-type: none"> 68 papers in peer-reviewed journals 6 book chapters 29 in-extenso studies published in conference proceedings
Participation in international scientific events	<ul style="list-style-type: none"> 60 national and international conferences and workshops – poster and talks 16 schools and training courses 1 seminar given at CNA, Sevilla, Spain 3 invited talks at international scientific meetings
Professional prestige	<ul style="list-style-type: none"> 300 quotations (without self-quotations) H-index: 14 “Horia Hulubei” award of the Romanian Academy (2016) Reviewer for Archaeological and Anthropological Sciences; Ceramics; International Journal of Applied Glass Science; Journal of Archaeological Science; Journal of Radioanalytical and Nuclear Chemistry; Nuclear Instruments and Methods B; Journal of the Serbian Chemical Society; Scientific Reports; Heritage Science; Heritage; Materials; Minerals