



PERSONAL INFORMATION


Ines Krajcar Bronić

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Gender F | Date of birth 01/03/1958 | Citizenship Croatian

Scientific personal identification number 112976

PERSONAL PROFILE

dr. sc. Ines Krajcar Bronić

WORK EXPERIENCE

 From - to **1.4.1982. – today**

Ruđer Bošković Institute, Zagreb

- since 2016 Head of the Laboratory for low-level radioactivity
- since 2009 senior scientists, tenure position
- 2004 – 2009 senior scientist
- 1998 – 2004 senior research associate
- 1994 – 1998 research associate
- 1993 – 1994 higher assistant
- 1982 – 1993 assistant

Business or sector Scientific research

EDUCATION

 1993 **Ph.D., natural sciences, physics**

University of Zagreb and Ruđer Bošković Institute, Zagreb

 1987 **Master of science, natural sciences, physics**

Postdoctoral study of natural sciences, Faculty of Sciences, University of Zagreb, Zagreb

 1981 **B.Sci. (dipl. Ing.), physics**

Faculty of Sciences - Physics, University of Zagreb, Zagreb

SKILLS AND COMPETENCES

Mother tongue Croatian

Other languages

	UNDERSTANDING		SPEAKING		WRITING
	Listening	Reading	Spoken interaction	Spoken production	
English	C2	C2	C1	C1	C1
German	B2	B2	B2	B1	B1
	ZDaF certificate				
Slovene	C2	C1	C1	C1	B2
Russian	B2	C1	B2	B1	B1

Communication skills

- Good communication skills trained while working in a team/group
- Ability of giving lectures at scientific and/or popular level, trained at participation at scientific and professional meeting and conferences, public lectures or lectures for students
- Writing of scientific and popular papers

Organizational and managerial skills

- Project co-ordinator - EU **FP6** INCO-CT-2006-043584 AMS-14C "Preparation of carbon samples for ¹⁴C dating by the AMS technique", European Commission, 2007-2008.
- Director - IAEA Regional Training Course on Dating Techniques in Archaeometry, RBI, Zagreb, May 2008. ♦
- Director - IAEA Regional Training Course Dating of Cultural Heritage Artefacts using Nuclear Analytical Techniques, RBI, Zagreb, May 2013.
- Chief investigator of 3 projects of bilateral scientific co-operation between Croatia and Slovenia and 1 bilateral project Croatia-Serbia
- Secretary of the Croatian Radiation Protection Association (CRPA) 2008 – 2013, president of CRPA 2013 – 2017; Secretary of ESIR 2013– 2015; Vice-president of IRPS 2012 – 2018
- President of the Scientific Committee of the 5th Symposium of CRPA 2003, member of either organization or scientific committees of several domestic and international scientific meetings, and 2 Summer schools of Physics
- Editor of several conference proceedings
- Mentor of 1 dissertation and 1 B.Sc. thesis
- Mentor of pupils at national competitions
- since 2016 head of the laboratory with 8 co-workers
- 2016 – 2018 principal investigator, project HRZZ-IP-2013-11-1623 REQUENCRIM

Job-related skills

- Team work and leading ability (in the laboratory; as head of the projects; as a member of 2 ICRU Report Committees, as a member of various organization committees or executive boards).
- Preparation and writing of scientific, professional and popular papers, book chapters, project proposals; editing
- Communication in English, Slovene, German. Traveled through various countries – most European countries, USA, Canada, Japan, China, Argentina, Brazil, South Africa, Tunis), 2 year lived and worked in Germany
- Organization of various types of meetings and conferences
- Popularization of Physics (popular lectures, Open days of RBI, 2005 Year of Physics, Summer schools)
- Reviewer in international and domestic scientific journals
- Reviewer of project proposals

Digital competences

SELF-ASSESSMENT				
Information processing	Communication	Content creation	Safety	Problem solving
Independent user	Profident user	Independent user	Independent user	Independent user

- good command of office suite in Windows and DOS operational systems
- good command of MS Office – word processing, spreadsheet, powerpoint
- basic knowledge of FORTRAN, program ORIGIN, Photoshop and some others related to operation of Quantulus and data evaluation

Other skills

- Operation of proportional counters, experience with vacuum technique and electronic devices in nuclear physics
- Operation of liquid scintillation counter Quantulus 1220.
- Measurement and preparation for measurement of samples for isotopes ³H and ¹⁴C.
- Plays piano

Driving licence B

Bibliografy/Publications

ADDITIONAL INFORMATION

Membership

- International Radiation Physics Society (IRPS, 2012 - 2018 Vice-president for Central and Eastern Europe)
- Croatian Radiation Protection Association (CRPA, member of the Executive Board since 2002, secretary 2008 – 2013, since 2013 president)
- International Radiation Protection Association (IRPA, delegate in General Assembly IRPA 2004 - 2020)
- Croatian Humboldtianer Club (KHH)
- Croatian Physical Society (HFD)
- European Society for Isotope Research (ESIR), secretary 2013 – 2015
- International Committee for Radionuclide Metrology (ICRM, delegate of RBI to ICRM)

Courses

- International Training Course on Application of Environmental Isotopes in Hydrology, IAEA, Vienna, 1983;
- Training Course on Modern Methods in Radiation Measurement and Dosimetry, Bad Honnef, 1992;
- Training Course for operation of Quantulus 1220, Turku (Finland), 2001;
- Training Course Research methodology for the documentation, scientific investigation and preventive conservation of Cultural Heritage artefacts in the Mediterranean Region, IAEA, Malta, 2005;
- Training Course "FEFLOW – Advanced Groundwater Modeling", Budapest, Hungary, 2012.

Recognitions

- Postdoc fellowship Alexander-von-Humboldt Foundation, 1995-1997, PTB, Braunschweig
- 1997. JSPS (Japanese Society for Promotion of Science) Invitation Research Fellowship, Waseda University, Tokyo (Prof. T. Doke) and Yamaguchi University, Ube (Prof. M. Kimura)
- Special consultant at IAEA CRP "Atomic and Molecular Data for Radiotherapy and Related Research", IAEA-TECDOC-799 (1995);
- Member of the Report Committee ICRU "Elastic scattering of electrons and positrons" 2000 – 2007, ICRU Report 77 (2007)
- Member of the Report Committee ICRU "KEY DATA FOR MEASUREMENT STANDARDS IN THE DOSIMETRY OF IONIZING RADIATIONS" (2007 – 2016)
- Expert IAEA in Bulgaria (2019) and in Columbia (2019)