

PERSONAL INFORMATION

Jadranka Barešić

📍 Laboratory for measurement of low-level radioactivity, Department of Experimental Physics, Ruđer Bošković Institute, Bijenička 54, 10000 Zagreb, Croatia

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🌐 <http://www.irb.hr/eng/People/Jadranka-Baresic>

Gender F | Date of birth 02/05/1974 | Citizenship Croatian

Scientific personal identification number 237472

PERSONAL PROFILE

dr.sc. Jadranka Barešić

WORK EXPERIENCE

From - to 1.2.2001. – today

Ruđer Bošković Institute, Zagreb

- since 2012 research associate
- 2009 – 2012 higher assistant
- 2001 – 2009 assistant

Business or sector Scientific research

EDUCATION

2009 Ph.D., natural sciences, chemistry

University of Zagreb, Faculty of chemical engineering and technology and Ruđer Bošković Institute, Zagreb

2005 Master of science, natural sciences, chemistry

University of Zagreb, Faculty of chemical engineering and technology

2000 B.Sci. (dipl. Ing.), chemical technology

University of Zagreb, Faculty of chemical engineering and technology, Zagreb

SKILLS AND COMPETENCES

Mother tongue Croatian

Other languages

	UNDERSTANDING		SPEAKING		WRITING
	Listening	Reading	Spoken interaction	Spoken production	
English	C1	C2	B2	B2	B2

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

- Principal investigator - IAEA TC National 2016-2017 ♦
- Principal investigator of 2 bilateral scientific co-operation (Croatia - Slovenia and Croatia – Serbia)

- Participation in scientific meetings organization

Job-related skills

- Team work in laboratory, as member of organizing committees
- Samples preparation for radiocarbon and tritium measurements, operation with vacuum lines and measurement instruments, field work, data processing
- Preparation and writing of scientific, book chapters, project proposals; scientific papers
- Communication in English. Traveled through various countries – most European countries, Australia, New Zealand, Morocco, Brazil, Argentina
- Popularization of sciences (popular lectures for visitors, Open days of RBI,)
- Reviewer in international and domestic scientific journals

Digital competences

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

- good command of office suite in Windows , MS Office, Origin and similar user packages

Other skills

- Operation of proportional counters, experience with vacuum technique
- Operation of liquid scintillation counter Quantulus 1220.

Driving licence

B

Bibliografy/Publications

<http://bib.irb.hr/lista-radova?autor=237472>

ADDITIONAL INFORMATION

Research School of Earth Sciences, Australian National University

Membership

- Croatian Radiation Protection Association (CRPA)
- International Radiation Protection Association (IRPA)
- INQUA
- European Society for Isotope Research (ESIR)

Fellowships

- 2002 (May 12 – June 9), Silesian Uni. of Technology, Inst. of nuclear chemistry and technology, Uni. of mining and metallurgy, Gliwice, Warsaw, Krakow; Poland
- 2007 (May 13 – June 9), Schottish Universities Environmental Research Centre, Queens University Belfast, East Kilbride, Scotland; Belfast, Northern Ireland
- 2007 (Nov 4 – Dec 14), International Atomic Energy Agency, Isotope Hydrology Laboratory, Vienna, Austria
- 2010 (Sept 2 – Oct 30), Universitat Autònoma de Barcelona, Chemical Department., Barcelona, Spain
- 2011 (Oct 3 – Nov 4), Helmholtz Center Munich - Institute of Groundwater Ecology in Neuherberg., Munich, Germany

Courses

- 2003 (May 4 - 9), Presentation and understanding of dating results, Ustron; Poland, Silesian Uni. of Technology, Gliwice, GADAM Centre
- 2006 (Feb 27 – March 3), Sample preparation for stable isotope measurements and measurements by mass spectrometry, Jožef Stefan Institute, Ljubljana, Slovenia
- 2008 (Ju2008 (June 16 – 20), 16th International Karstological School “Classical Karst - Karst sediments”, Postojna, Slovenia, Karst Research Institute, Postojna, Slovenia
- 2010 (June 28 – July 2), Regional Training Course on Planning and Conducting Field Work in Isotope Hydrology, Belene, Bulgaria, IAEA

Recognitions

- Go8 fellowship, Research School of Earth Sciences, Australian National University, Canberra, Australia 2011 (March 8 – Aug 15)

