

**EUROPEAN
CURRICULUM VITAE
FORMAT**



PERSONAL INFORMATION

Surname(s) / First name(s)	Guberina / Branko
Address(es)	Rudjer Bošković Institute, Bijenička 54, HR-10000 Zagreb, Croatia
Telephone(s)	+385-1-4680-234
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E-mail(s), Web address(s)	guberina@thphys.irb.hr
Nationality(-ies)	Croatian
Date of birth	November 12, 1946.
Identification number from Records of Scientific Workers	014786

WORK EXPERIENCE

• Dates (from – to)	Since 1971
Name and address of employer	Rudjer Bošković Institute, Bijenička 54, HR-10000 Zagreb, Croatia
Type of business or sector	National research institute
Occupation or position held	Senior scientist
Main activities and responsibilities	Head of the Theoretical Physics Division

EDUCATION

Date	1971
Place of education	Zagreb
Name and type of organisation providing education	Faculty of natural sciences, University of Zagreb
Title or qualification awarded	B. Sc.

Date	1978
Place of education	Zagreb
Name and type of organisation providing education	Faculty of natural sciences, University of Zagreb
Title or qualification awarded	Ph. D.

TRAINING

Year	1. April 1979. - 31. March 1981. - Alexander von Humboldt Fellow (18 months) and Max-Planck-Gesellschaft Research Fellow (6 months)
Place of training	München, Germany
Name and type of organisation providing training	Max-Planck-Institut für Physik and Astrophysik
Principal subjects/Occupational skills covered	Theoretical Particle Physics - research

Year	1. May 1981.- 1. August 1981 - <i>Research Associate</i>
Place of training	Zürich, Switzerland
Name and type of organisation providing training	Institut für Theoretische Physik, Eidgenössische Technische Hochschule
Principal subjects/Occupational skills covered	Theoretical Particle Physics - research

Year	1. September 1981. - 28. February 1982. - <i>chercheur associé</i>
Place of training	Paris - Orsay, France
Name and type of organisation providing training	<i>Laboratoire de Physique Théorique et Hautes Energies, Université de Paris XI</i>
Principal subjects/Occupational skills covered	Theoretical Particle Physics - research

Year	1. March 1982. - 31. August 1982 - <i>chercheur associé</i>
Place of training	Marseille, France
Name and type of organisation providing training	<i>Centre de Physique Théorique, CNRS-Luminy</i>
Principal subjects/Occupational skills covered	Theoretical Particle Physics - research

Year	1. February 1985. - 30. June 1985. - <i>Visiting Scientist</i>
Place of training	München, Germany
Name and type of organisation providing training	<i>Werner-Heisenberg-Institut für Physik, Max-Planck-Institut für Physik and Astrophysik, München</i>
Principal subjects/Occupational skills covered	Theoretical Particle Physics - research

Year	1. March 1986. - 31. March 1989. - <i>Wissenschaftlicher Angestellter BAT 1b</i>
Place of training	München and Hamburg, Germany
Name and type of organisation providing training	<i>Sektion Physik, Ludwig-Maximilians-Universität, München; and Deutsches Elektronen-Synchrotron, DESY, Hamburg, (guest scientist).</i>
Principal subjects/Occupational skills covered	Theoretical Particle Physics - research

Year	1. January 1990. - 30. June 1990. - <i>Visiting Professor</i>
Place of training	Los Angeles, U. S. A.
Name and type of organisation providing training	<i>Department of Physics, University of California UCLA</i>
Principal subjects/Occupational skills covered	Theoretical Particle Physics - research

**PERSONAL SKILLS AND
COMPETENCIES**

Mother tongue(s)	Croatian
Other language(s)	
Language	English, German
Speaking	English, German
Writing	English, German
Understanding (listening and reading)	English, German
SOCIAL SKILLS AND COMPETENCIES	Memberships: Institute of Physics Fellow and Chartered Physicist, Croatian Association of the Club of Rome, Kroatischer Humboldtianer Klub, Rayonnement du CNRS, Hrvatsko fizikalno društvo
ORGANISATIONAL SKILLS AND COMPETENCIES	<p>TEACHING: Engaged for years in teaching activities of undergraduate and postgraduate courses at the Faculty of Science of the University of Zagreb</p> <p>RESEARCH: Published about sixty scientific papers in the field of theoretical particle physics and cosmology. A number of invited lectures and seminars at conferences and symposia, also as Guest Scientist of foreign institutions. Actively engaged in international research projects. The Principal Investigator of a scientific project. During 1996-2000 the Director of the research program entitled "Theoretical Research of the Structure of Matter and Interactions". Head of the Theoretical Physics Division of the Rudjer Bošković Institute. Principal investigator (2002-2006) of the research project No. 0098002 «Fundamental interactions in the elementary particle physics and cosmology». Presently, the principal investigator of the research project # 098-0982930-2864 “Fundamental interactions in elementary particle physics and cosmology”, and the program leader (5 research projects) of the research program # 0982930 “High energy physics, gravity and cosmology”.</p> <p>2005 – 2008 <i>Editor for Particle Physics and Nuclear Physics</i> in the journal <i>Central European Journal of Physics</i>.</p> <p>MEMBERSHIPS: Member of the National Scientific Council of the Republic of Croatia (1998-2003), and a member of the Expert Appraisal Commission of the Ministry of Science and Technology (concerning research in physics). A member of the Board of Governors of the Rudjer Bošković Institute (1994-1995). Membership in associations: President of the Croatian Physical Society (1997-2000), member and treasurer (2005-2006) and president (2007-2008) of the Croatian Association of the Club of Rome, Kroatischer Humboldtianer-Klub, Rayonnement du CNRS (Paris), Fellow of the Institute of Physics (U.K.) since June 1999.</p> <p>AWARDS: The State Award for Science of the Republic of Croatia in 1994 (in recognition of outstanding research activity in natural sciences, particularly in physics). The State Medal in 1997: The Danica-Hrvatska-Order Medal with the image of Rudjer Boskovic, for exceptional merits in science.</p>
TECHNICAL SKILLS AND COMPETENCIES	Basic skills with computers, MS Windows, Linux, Mac OSX
ARTISTIC SKILLS AND COMPETENCIES	
OTHER SKILLS AND COMPETENCIES	Philosophy; hobbies: military sciences, intelligence and security, Martial Blade Craft, karate, sailing, trekking, hiking, outdoors, survival
DRIVING LICENCE(S)	yes

ADDITIONAL INFORMATION

Research papers with citations – the [SPIRES](#) .
SPIRES quotes 50 published scientific papers, which are cited about 2250 times (September 2011).

ANNEXES

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SIGNATURE

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