



## Europass Curriculum Vitae

### Personal information

First name(s) / Surname(s) **Bratislav Marinkovic**

Address(es) Pregrevica 118  
P. O. Box 68  
11080 Belgrade  
Serbia

Telephone(s) (381-11) 316 08 82 Mobile

Fax(es) (381-11) 316 21 90

E-mail(s) bratislav.marinkovic@phy.bg.ac.yu

Nationality Serbian

Date of birth 30 January 1956

Gender Male



### Desired employment / Occupational field

**Researcher in Atomic and Molecular Physics**

### Work experience

Dates 28 February 2006 →

Occupation or position held Reseach Fellow - Research Professor

Main activities and responsibilities science research; head of Laboratory

Name and address of employer The Institute of Physics, Belgrade

Type of business or sector University - reseach institute

Dates 01 September 2000 →

Occupation or position held Teaching part time - Professor

Main activities and responsibilities Courses: Circuit Analysis; Signal Processing

Name and address of employer The Advanced School of Electrical Engineering, Belgrade

Type of business or sector Hhigher education

Dates 27 October 1980 →

Occupation or position held Resaercher

Main activities and responsibilities Research in Atomic and Molecular Physics, Electron Collision Processes

Name and address of employer The Institute of Physics, Belgrade

Type of business or sector University - reseach institute

### Education and training

Dates 23 March 1989 - 02 April 1991

Title of qualification awarded Post-doctorate

Principal subjects / occupational skills covered Electron/atom collisions, laser physics

Name and type of organisation providing education and training JILA - Joint Institute for Laboratory Astrophysics, Boulder, Colorado, U.S.A

Level in national or international classification

Dates 1985 - 20 March 1989

Title of qualification awarded Ph D Thesis

Principal subjects / occupational skills covered Atomic and molecular physics, electron collisions vacuum techniques

Name and type of organisation providing education and training Faculty of Physics, University of Belgrade, Serbia

**Personal skills and competences**

Mother tongue(s) **Serbian**

Other language(s)

Self-assessment

European level (\*)

**English**

**Russian**

**Esperanto**

Understanding				Speaking				Writing	
Listening		Reading		Spoken interaction		Spoken production			
C2	Proficient user	C2	Proficient user	C2	Proficient user	C2	Proficient user	C2	Proficient user
A2	Basic User	B1	Independent user	A2	Basic User	A2	Basic User	A1	Basic User
B1	Independent user	B2	Independent user	B1	Independent user	B1	Independent user	B1	Independent user

(\*) Common European Framework of Reference (CEF) level

Social skills and competences Good ability to adapt to multicultural environments, gained through my work experience abroad

Organisational skills and competences Leadership (currently responsible for a team of 30 people); Good experience in project and team management

Technical skills and competences Experimental techniques in atomic physics

Computer skills and competences Word processing, graphic design, programming, application packages

Driving licence Category B

## Additional information

Main Publications: 1. H Cho, R P McEachran, S J Buckman, D M Filipović, V Pejčev, B. P. Marinković, H Tanaka, A D Stauffer and E C Jung

"Absorption effects in intermediate energy elastic electron scattering from xenon",  
J. Phys. B: At. Mol. Opt. Phys. 39 (18) 3781-3790 (2006).

doi:10.1088/0953-4075/39/18/008

The article has been chosen by IoP Editors for its novelty, significance and potential impact on future research: <http://www.iop.org/Select/>

2. B Marinkovic, V. Pejcev, D. Filipovic and L. Vuskovic,

Elastic and inelastic electron scattering by cadmium,

J. Phys. B: At. Mol. Opt. Phys. 24 (1991) 1817 37

doi:10.1088/0953-4075/24/7/029

3. D Filipovic, B. Marinkovic, V. Pejcev and L. Vuskovic,

Electron impact excitation of xenon at incident energies between 15 and 80 eV,

Phys. Rev. A 37, (2) (1988) 356 64

doi: 10.1103/PhysRevA.37.356

4. Cz. Szmytkowski, A. Zecca, G. Karwasz, S. Oss, K. Maciag B. Marinkovic, R. Brusa and R. Grisenti,

Absolute total cross sections for electron CO<sub>2</sub> molecule scattering at energies from 0.5 to 3000 eV,

J. Phys. B: Atom. Molec. Phys. 20 (1987) 5817 25

doi:10.1088/0022-3700/20/21/027

5. B Marinkovic, Cz. Szmytkowski, V. Pejcev, D. Filipovic and L. Vuskovic,

Differential cross sections for elastic and inelastic scattering of electrons by N<sub>2</sub>O in the range from 10 to 80 eV,

J. Phys. B: Atom. Molec. Phys. 19 (1986) 2365 75

doi:10.1088/0022-3700/19/15/017

From 2003 National Representative of Serbia at AMPD (Atomic and Molecular Physics Division) of EPS (European Physical Society).

<http://www.eps.org/divisions/wwwAMPD/NationalPages/Yugoslavia.html>

1997 Member of the Board for Strategic Development of Yugoslav Metrological System.

2006 member of Domain Committee of COST Chemistry and Molecular Sciences and Technologies

2004- 2006 Member of Technical Committee (TC) of COST Physics.

2005 Liason Member of COST TC Physics to TC Chemistry

1999 and 2004 Member of the Scientific Committee of the 10th and 11th Congress of Yugoslav Physicists.

1993-2000 Member of the Scientific Committee of the International Symposium of Ionized Gases (SPIG).

1994 and 2006 Chairman of Organizing Committee of the SPIG meetings.

Project leader and Principal investigator on national projects in fundamental sciences: 2002/2005

"Experimental investigation of laser and electron interactions with atoms, metal vapours and molecules" No.1424 and 2006/2010 "Electron and laser spectrometry and collisional cross sections for atoms, ions, molecules, metastables and biomolecules" No.141011

**Annexes**

Personal Web page:

<http://mail.phy.bg.ac.yu/~marinkov/>

Activities on Scientific Projects:

<http://mail.phy.bg.ac.yu/~marinkov/bmcv.txt>