



## Curriculum vitae Europass

### Personal information

First name(s) / Surname(s) **Mihaela Bojan**

Address(es)

(office) NATIONAL INSTITUTE of LASER, PLASMA and RADIATION PHYSICS LASER DEPARTMENT  
Atomistilor Street, No 409, PO.Box MG-36, 077125, Ilfov, Romania

Telephone(s) Mobile: 0744332218

Fax(es) +40 21 457 44 67

E-mail(s) mihaela.bojan@inflpr.ro

Nationality(-ies) Romanian

Date of birth 31.07.1981

Gender Female

### Education

(PhD)2014

PhD degree in optical engineering “Optoelectronic methods for surface characterization at nanometric scale”, at the Politehnica University, Bucharest, Romania

-(MSc) 2006

One year and a half of Masterate, University of Bucharest, Faculty of Physics - specialization “Refractive index measurements”

-(BSc) 2004

Four years of general study in Physics, University of Bucharest, Faculty of Physics - specialization “ Physics”, Graduation thesis: “ Obtaining thin films of PZT doped with La by reactive laser ablation”.

### Work experience

01.11.2005 – present

National Institute for Laser, Plasma and Radiation Physics / Laser Department /Lasers Department, Laser Interferometry Group, Magurele - Bucharest

### Education and training

2006, February

Winter college on „Interferometry and application modern physics”, Trieste, Italy

**2007, May** “Young opticians school”, Yerevan, Armenia.

**2008, August** “CFN Summer School on Nano-Photonics”, Karlsruhe, Germany

**2013, February** Winter College on “Trends in Laser Development and Multidisciplinary Applications to Science and Industry” Trieste, Italy

**2018, February** Winter college on “Extreme Non-Linear Optics, Attosecond Science and High-field Physics”, Trieste, Italy

“Laser Ignition Summer School”, Sibiu, Romania, July, 2018

**Personal skills and competences**

Mother tongue(s) romanian

Other language(s) **english**

*Self-assessment*

European level

**english**

Understanding				Speaking				Writing
Listening		Reading		Spoken interaction		Spoken production		
B2	Independent user	B2	Independent user	B2	Independent user	B2	Independent user	B2

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

**Organisational skills and competences**

During my PhD I organised a seminar series on research methods  
I participated in numerous national (15) and international research projects (3 international projects : the program EUREKA, NATO –Science for Peace and the program ERA-NET MANUNET)  
I participated in numerous national and international conferences

**Computer skills and competences**

- good command of Microsoft Office™ tools (Word™, Excel™ and PowerPoint™);  
- basic knowledge of graphic design applications (Adobe Illustrator™, PhotoShop™).

**Anexe** Attach list of papers published

## List of papers published

### ISI PUBLICATIONS

1. V. Damian, D. Apostol, M. Bojan, L. Serghei, F. Garoi, I. Iordache, P.C. Logofătu and V. Nascov, "Optical characterization of a magnetic fluid adaptive mirror", Romanian Reports in Physics, **58**(3), 325-336 (2006)
2. P.C. Logofătu, D. Apostol, V. Damian, I. Iordache, M. Bojan, R. Müller, "Abelès method revisited," Appl. Opt. **45**(6), 1120-1123 (2006)
3. D. Apostol, P.C. Logofatu, S. Florea, V. Damian, I. Iordache, M. Bojan, "Accurate calibration of grating pitch", J. Optoelectron. Adv. M., **10**(2), 352-355 (2008)
4. P.C. Logofatu, I. Ardelean, D. Apostol, I. Iordache, M. Bojan, C. Moiescu, B. Ionita, "Determination of the magnetic moment and geometrical dimensions of the magnetotactic bacteria using an optical scattering method", Journal of Applied Physics **103**(9) 094911 (2008)
5. R. Ene, N. Hurduc, I. Apostol, V. Damian, I. Iordache, M. Bojan, "The capacity of nucleobases containing azo-polysiloxanes to generate a surface relief grating", J. Optoelectron. Adv. Mat., **10**(3) 541-544 (2008)
6. P.J. Morais, H.Gouveia, I. Apostol, V. Damian, F. Garoi, I. Iordache, M.Bojan, D. Apostol, J.A.R.Campo, R.Galli, "Laser beam in the service of paintings restoration," Romanian Reports in Physics **62**(3) (2010)