

Europass Curriculum Vitae



Personal information

First name(s) / Surname(s) **Răzvan-Doru RAICU**
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E-mail rraicu@mta.ro
Nationality Romanian
Date of birth April 29, 1979
Gender Male

Desired employment / Occupational field

**Measurements, Metrology,
Electrical Engineering**

Work experience

<p>Dates</p> <p>Occupation or position held</p> <p>Main activities and responsibilities</p> <p>Name and address of employer</p> <p>Type of business or sector</p>	<p>October 2007 onwards</p> <p>Assistant Lecturer</p> <p>Teaching line (undergraduate level): Electrical Measurements; Physics; Physics of Radiations; Research area: Laser application in Communications, Biophysics and Medicine</p> <p>Military Technical Academy 39-49 George Cosbuc Av., Postcode 050141, Sector 5, Bucharest, ROMANIA Website: www.mta.ro</p> <p>Military polytechnic higher education</p>
<p>Dates</p> <p>Occupation or position held</p> <p>Main activities and responsibilities</p> <p>Name and address of employer</p> <p>Type of business or sector</p>	<p>February 2003 – September 2007</p> <p>Assistant Lecturer (Main occupation)</p> <p>Teaching line (undergraduate level): Electricity and Magnetism; Metrology; Metrology of Electromagnetic Quantities; Research area: Metrology, Biophysics and Environmental Physics</p> <p>University of Bucharest, Faculty of Physics, Electricity and Biophysics Department 405 Atomistilor St., Postcode 077125, Magurele, Ilfov county, ROMANIA Website: www.fizica.unibuc.ro</p> <p>University education</p>

<p>Dates</p> <p>Occupation or position held</p> <p>Main activities and responsibilities</p> <p>Name and address of employer</p> <p>Type of business or sector</p>	<p>July 2007 – September 2007</p> <p>Technical Manager</p> <p>Project manager - set-up new metrology laboratories: Mass and Pressure; Supervisor for other metrology laboratories: Temperatures, Electricity, Length and Force.</p> <p>Rokura Systems SRL 266-268 Calea Rahovei, Electromagnetica Business Park, Corp 61, Et. 1, Postcode 050912, Sector 5, Bucharest, ROMANIA Website: www.rokura.ro</p> <p>Industrial metrology services</p>
<p>Dates</p> <p>Occupation or position held</p>	<p>May 2005 – June 2007</p> <p>Scientific Researcher</p>

Main activities and responsibilities	Metrological activities in mechanical quantities field - High-level calibration activities - Research and development of national standards in Pressure field
Name and address of employer	National Institute of Metrology 11 Vitan Bărzești St., Postcode 042122, Sector 4, Bucharest, ROMANIA Website: www.inm.ro
Type of business or sector	Research & Development institute
Dates	July 2002 – November 2002
Occupation or position held	Junior Researcher
Main activities and responsibilities	Research area: Laser applications in Fine Art Restoration
Name and address of employer	National Institute of Research & Development for Optoelectronics INOE 2000 Advanced Equipment and Techniques for Fine Art Restoration Department 1 Atomîștilor Street, Postcode 77125, Magurele, Ilfov county, ROMANIA Website: http://inoe.inoe.ro
Type of business or sector	Research & Development Institute
Education and training	
Dates	2006-2011
Title of qualification awarded	Ph.D.
Principal subjects/occupational skills covered	Thesis title: ' <i>Objective methods for assessment of physiological parameters of living tissues using different types of sensors</i> '
Name and type of organisation providing education and training	'Politehnica' University of Bucharest, Faculty of Electrical Engineering, Department of Electrical Measurements, Electrical Apparatus and Static Converters, Bucharest, ROMANIA Website: www.electro.pub.ro
Level in national or international classification	ISCED 6
Dates	2002-2004
Title of qualification awarded	M.Sc.
Principal subjects/occupational skills covered	Electronic Physics, Metrology and Defectoscopy
Name and type of organisation providing education and training	University of Bucharest, Faculty of Physics, Electricity and Biophysics Department Bucharest, ROMANIA Website: www.unibuc.ro
Level in national or international classification	ISCED 5
Dates	1997-2002
Title of qualification awarded	Engineer
Principal subjects/occupational skills covered	Technological Physics
Name and type of organisation providing education and training	University of Bucharest, Faculty of Physics Bucharest, ROMANIA Website: www.unibuc.ro
Level in national or international classification	ISCED 5
Dates	1993-1997
Title of qualification awarded	High school diploma
Principal subjects/occupational skills covered	Mathematics and Physics
Name and type of organisation providing education and training	National College "Mihai Viteazul" Bucharest, ROMANIA Website: www.cnmv.ro
Level in national or international classification	ISCED 3

Personal skills and competences

Mother tongue(s)

Romanian

Other language(s)

Self-assessment

European level ()***English****French**

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

() Common European Framework of Reference for Languages*

Social skills and competences

Team work: I have worked in various types of teams from research teams to metrology technicians' teams (different type of metrology laboratories).

Organisational skills and competences

I organized two new metrology laboratories (Rokura Systems).
Also, I'm organizing daily activities for students: courses, seminars and laboratories.

Technical skills and competences

TRAINING COURSES

- 2 training courses in pressure metrology (2006)
- 1 training course in chemical quantities metrology (2006)
- 1 training course in quality management (2003)
- 2 training courses in Defectoscopy (2001)
- 1 course for 4th class amateur wireless-operator (1998)

Computer skills and competences

Microsoft Office suite, HTML and specialized programs (Microcal Origin, MathCAD, Matlab, Maple, LabView), Macintosh user

Other skills and competences

Amateur photographer and amateur astronomer

Driving licence

Category A and B

Additional information

I served in the Romanian Army (national service, second lieutenant (res.), 2004)