



## Europass Curriculum Vitae



### Personal information

First name(s) / Surname(s) **Oprișă, Andreea**  
Address(es) Rezervelor street, nr.61, Rosu, Ilfov  
Telephone(s) 0746145921  
E-mail [alina\\_pruna2005@yahoo.com](mailto:alina_pruna2005@yahoo.com)  
Nationality Romanian  
Date of birth 03.11.1981  
Gender Female

### Work experience

Dates	<b>May 2011 - present</b>
Occupation or position held	<b>Researcher (CS)</b> Molecular Nanotechnology Lab (L9)
Name and address of employer	National Institute for Research and Development in Microtechnologies IMT – Bucharest; 126 A Erou Iancu Nicolae street, R-077190, Voluntari, Ilfov, Romania.
Type of business or sector	Research
Dates	<b>October 2006 – June 2012</b>
Occupation or position held	<b>PhD Student</b>
Main activities and responsibilities	Researches regarding the growth and characterization of calcium fluoride crystals doped with rare earths. Teaching activities with students from undergraduate studies and master at the disciplines: Mechanics, Structural defects in solids, Crystalline materials physics, etc.
Name and address of employer	West University of Timisoara; Blvd. V. Parvan 4, 300223, Timisoara
Dates	<b>September 2004 – January 2007</b>
Occupation or position held	<b>Physicist</b>
Main activities and responsibilities	I was responsible with research on laser welding, marking and cutting of unconventional materials used in the automotive industry and in medicine; participation as a collaborator on various projects CEEX type, Grants, etc., preparing the documentation and presentation of results, organization of round tables, seminars, exhibitions, to facilitate contact between industry and research, business meetings, presentations of companies/products/services.
Name and address of employer	National R&D Institute for Welding and Material Testing ISIM – Timisoara; 30, Mihai Viteazul Blv., 300222 Timișoara, Romania.
Type of business or sector	Research

### Education and training

Dates	<b>October 2006 – June 2012</b>
Title of qualification awarded	PhD Diploma
Principal subjects/occupational skills covered	"Influence of Na <sup>+</sup> ions on some physical properties of YbF <sub>3</sub> doped CaF <sub>2</sub> crystals"
Name and type of organisation providing education and training	West University of Timisoara, Physics Faculty

Dates **October 2004 – June 2006**  
 Title of qualification awarded Master Degree  
 Smart - nanomicrosystems section  
 Principal subjects/occupational skills covered Master Work on "Carbon nanotubes"

Name and type of organisation providing education and training West University of Timisoara,  
 Physics Faculty

Dates **October 2000 – June 2004**  
 Title of qualification awarded Licence Diploma  
 Material Physics section

Name and type of organisation providing education and training West University of Timisoara,  
 Physics Faculty

Dates **September 1996 – June 2000**  
 Title of qualification awarded High school diploma  
 Name and type of organisation providing education and training Theoretical High School - Brezoi,  
 Mathematics-physics section

### Personal skills and competences

Mother tongue(s) Romanian

Other language(s) English

Self-assessment

*European level (\*)*

### Language

Understanding		Speaking		Writing
Listening	Reading	Spoken interaction	Spoken production	
medium	medium	medium	medium	medium

Organisational skills and competences I participated in organizing the First South-East European Congress IIW Welding , 24-26 May 2006, Timisoara, Romania

Technical skills and competences - using the optical microscope to investigate the crystalline structural defects,  
 - study the optical properties (absorbtion, excitation and emission) with Shimadzu UV+VIS, Nexus FTIR, Perkin-Elmer spectrophotometers.  
 -study the dielectric properties of crystals (dielectric relaxation) using RLC meter – KEITHLEY,  
 - crystal growth by Bridgman method,  
 - laser welding.

Computer skills and competences MS Office: Word, Excel, Access, Power Point  
 MathCad, OriginPro, UVProbe, Corel Draw, CrysVUN.

### Additional information

2001 March – April Management course

Recommendation:

1. Prof. Dr. Irina Nicoara, West University of Timisoara,  
[nicoara1@yahoo.com](mailto:nicoara1@yahoo.com)

2. Conf. univ. dr. Madalin Bunoiu,, West University of Timisoara,  
[bom@physics.uvt.ro](mailto:bom@physics.uvt.ro).