



## Europass Curriculum Vitae

### Personal information

First name(s) / Surname(s) **TEISANU ARISTOFAN ALEXANDRU**

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Nationality romana

Date of birth 16.09.1958

Gender M

### Occupational field

#### Work experience

Dates	1985-1992 September 2007-2010
Occupation or position held	Chemical engineer Junior Engineer
Main activities and responsibilities	Cryogenic equipment & very low current DC amplifiers, high precision temperature control & measurement Participation to the activities involved in various research projects
Name and address of employer	National Institute for R&D in Electrical Engineering ICPE-CA Laboratory Splaiul Unirii Street, no. 313, Sector 3, Bucharest- 030138, Romania
Type of business or sector	Scientific research
Dates	1992-2001
Occupation or position held	Scientist Researcher
Main activities and responsibilities	Cryogenic equipment & material qualification science, physical and chemical methods
Name and address of employer	National Institute for R&D in Electrical Engineering ICPE, 06 Laboratory Splaiul Unirii Street, no. 313, Sector 3, Bucharest- 030138, Romania
Type of business or sector	Scientific research
Dates	2001-2004
Occupation or position held	Scientist Researcher
Main activities and responsibilities	Cryogenic equipment & material qualification science, physical and chemical methods, organic insulator material technology, data acquisition, automatic control equipment, various electronic devices
Name and address of employer	National Institute for R&D in Electrical Engineering ICPE-CA Splaiul Unirii Street, no. 313, Sector 3, Bucharest- 030138, Romania
Type of business or sector	Scientific research
Dates	2004-2011
Occupation or position held	Senior Scientist Researcher
Main activities and responsibilities	Cryogenic equipment, advanced carbon material technology & qualification science, fuel cells development, materials for fuel cells, aria remote visualization and security devices, thin film materials, nonlinear optic materials, organic material for photonic application, water magneto hydro dynamic demineralization, etc
Name and address of employer	National Institute for R&D in Electrical Engineering ICPE-CA Splaiul Unirii Street, no. 313, Sector 3, Bucharest- 030138, Romania
Type of business or sector	

## Education and training

Dates	1.November 2008- Present
Title of qualification awarded	PhD. Student
Principal subjects/occupational skills covered	Professional Discipline Azoic colorants for photonic application
Name and type of organisation providing education and training	University Politehnica Bucharest <b>Faculty of Applied Chemistry and Materials Science</b> Doctoral school Professional Discipline - Nonlinear optic properties azoic colorants synthesis and chemical structure characterization - Photonic properties of nonlinear azoic colorants
Dates	2008- 2010
Title of qualification awarded	Master of science
Principal subjects/occupational skills covered	Azoic colorants for photonic application Professional Discipline - Nonlinear optic properties azoic colorants synthesis and chemical structure characterization - Photonic properties of nonlinear azoic colorants
Name and type of organisation providing education and training	University Politehnica Bucharest <b>Faculty of Applied Chemistry and Materials Science</b>
Dates	1978-1983
Title of qualification awarded	Engineer
Principal subjects/occupational skills covered	<b>Professional Discipline</b> <b>Technology of Organic Compounds</b> <b>Chemical Engineering &amp; Chemical Equipment</b>
Name and type of organisation providing education and training	University Politehnica Bucharest <b>Faculty of Applied Chemistry and Materials Science</b>
Dates	1973-1977
Title of qualification awarded	Baccalaureate degree
Principal subjects/occupational skills covered	<b>Professional Discipline</b> - <b>Mathematics</b> - <b>Physics</b> - <b>Chemistry</b>
Name and type of organisation providing education and training	High school "Ion Miorescu" Giurgiu

## Personal skills and competences

Mother tongue(s) Romanian language

Other language(s)

Self-assessment  
*European level (\*)*

**English**

**German**

Understanding				Speaking				Writing	
Listening		Reading		Spoken interaction		Spoken production			
C1	Experienced user	C1	Experienced user	C1	Experienced user	C1	Experienced user	C1	Experienced user
C1	Experienced user	C1	Experienced user	C1	Experienced user	C1	Experienced user	C1	Experienced user

(\*) [Common European Framework of Reference for Languages](http://www.cedefop.europa.eu)

Social skills and competences	<ul style="list-style-type: none"> <li>- High innovative spirit</li> <li>- Ability to integrate knowledge from different area in order to accomplish de research goal;</li> <li>- advanced knowledge of fine mechanics, applied electronic, automatisation, working with various method and apparatus for material characterization, etc</li> <li>- Team spirit;</li> <li>- Ability to adapt to multicultural environments, gained through experience working in multinational group</li> </ul>
Organisational skills and competences	<ul style="list-style-type: none"> <li>- Sense of organization (experience in logistics)</li> </ul>
Computer skills and competences	- Good command of Microsoft Office™ tools (Word™, Excel™ and PowerPoint™); Origin, AUTOCAD, ORCAD, PINNACLE PRO, MATHLAB, etc
Driving licence	non
<b>Additional information</b>	<p>Publications</p> <ol style="list-style-type: none"> <li><b>1. Aristofan Teisanu</b> IO – CARDS use in computer assisted temperature measurement , Electrotehnica, prezent si perspective, Bucuresti,1995</li> <li><b>2. Aristofan Teisanu, Marina Popescu</b>, Thermo sated Cell for epoxy resin investigation by TSDC, Conferinta Nationala de fizica, vol I, pag.66, Baia Mare, 1995.</li> <li><b>3. Aristofan Teisanu, Marina Popescu</b>, Modernization of old DTA apparatus using data acquisition techniques, "Al V-lea Colocviu National de Fizica si Tehnologia Materialelor Cristaline si Amorfe", vol. I, pag. 311, Iasi,1996.</li> <li><b>4. Aristofan Teisanu, Marina Popescu</b> Comparative studies of vitreous transition in epoxy based insulation materials by TSDC versus DTA, "Al V-lea Colocviu National de Fizica si Tehnologia Materialelor Cristaline si Amorfe", vol. I, pag. 312, Iasi,1996.</li> </ol> <p><i>Marina Popescu,</i></p> <ol style="list-style-type: none"> <li><b>5. Aristofan Teisanu</b> Study of secondary relaxation in KAPTON by TSDC method, Lucrarile ICPE, (3,4) 1996</li> <li><b>6. Aristofan Teisanu, Marina Popescu</b> Temperature measurement &amp; control device in the range 80-550K using direct liquid nitrogen injection, Lucrarile ICPE, (3,4) 1998</li> <li><b>7. Teisanu Aristofan, Marina Popescu</b> Measurement method &amp; apparatus for electrets characterisation , Revista Electrotehnica</li> <li><b>8. Elena Macamete, A. Teisanu, I. Puflea</b> Some aspects regarding HTSC obtaing and formation, ARM4, 16.09.2005, Constanta</li> </ol> <p>Brevets:</p> <ul style="list-style-type: none"> <li>“Temperature measurement &amp; control device in the range 80-550K using direct liquid nitrogen injection”</li> <li>“Fiber Glass reinforcement &amp; epoxy resine for concrete frame application”</li> <li>“Electronic chopper using a HTSC device”</li> <li>“Inductive device for the measurement of the critical current density in superconducting cave cylinder placed axial magnetic field”</li> <li>“Electro conductive material based exy resine and electro conductive filers designed for bipolr plates used in PEM fuel cells”</li> <li>“Electro conductive material based exy resine and electro conductive filers designed for electric heaters”</li> <li>“Planar electric heater based on coposite electro conductive material”</li> <li>“Inteligent coposite material based on reifocement epoxy resine”</li> </ul> <p>Awards</p> <ul style="list-style-type: none"> <li>“HTSC current limmiter” , „ARCA 2005”, Zagreb, Jurry special premium, 2005</li> <li>“HTSC current limmiter”, Targul INVENTIKA, Bucuresti, silver medal, 2006</li> <li>„Exposition area monitorisation using IP cameras”, gold medal, Targul INVENTIKA, Bucuresti, 2006</li> <li>„Criogenic miling maschine”, Creativity conquest for young researcer, Bucharest, 1987</li> </ul>