



## Europass Curriculum Vitae



### Personal information

First name(s) / Surname(s) **Georgeta Alecu**  
Address(es) 1 Tohani, 75125, district 4, Bucharest, Romania  
Telephone(s) (40-21) 346 82 97 ext. 112 Mobile: +40-751298960  
Fax(es) (40-21) 346 82 99  
E-mail alecu@icpe-ca.ro  
Nationality Romanian  
Date of birth 27.02.1960  
Gender Female

**Desired employment /  
Occupational field** **INCDIE ICPE-CA Bucharest  
Quality – Environment Management**

### Work experience

Dates	9/2004-present
Occupation or position held	Senior Researcher I, Head of Office
Main activities and responsibilities	Research in environmental protection Ceramic superconducting materials research Implementing and maintaining Quality-Environmental Integrated Management System Environmental technologies Clean technologies
Name and address of employer	National Institute for Research & Development in Electrical Engineering ICPE - Advanced Research Bucharest, Splaiul Unirii, no. 313, zip code 030138, district 3
Type of business or sector	Research and Development
Dates	9/2002-8/2004
Occupation or position held	Senior Researcher I, Head of Department
Main activities and responsibilities	Ceramic superconducting materials research and applications in the manufacture of mono and multi- filamentary profiles Materials characterization by magnetic measurements (VSM) Implementation and integration of Quality-Environment Management System Environmental technologies Marketing
Name and address of employer	SC ICPE-CA SA Bucharest, Splaiul Unirii, no. 313, zip code 030138, district 3
Type of business or sector	Research and Development
Dates	5/2001-8/2002
Occupation or position held	Senior Researcher II, Head of Department

Main activities and responsibilities	Ceramic superconducting materials research and applications in the manufacture of mono and multi-filamentary profiles Materials characterization by magnetic measurements (VSM) Implementation and integration of Quality-Environment Management System Environmental technologies
Name and address of employer	SC ICPE-CA SA Bucharest, Splaiul Unirii, no. 313, zip code 030138, district 3
Type of business or sector	Research and Development
Dates	01/2000-4/2001
Occupation or position held	Senior Researcher II
Main activities and responsibilities	Ceramic superconducting materials research Research to obtain shape memory alloys and identification of unconventional technologies for use of shape memory effect in the electrical industry, in civil and military field Materials characterization by magnetic measurements (VSM)
Name and address of employer	SC ICPE SA Bucharest, Splaiul Unirii, no. 313, zip code 030138, district 3
Type of business or sector	Research and Development
Dates	11/1984-12/1999
Occupation or position held	Engineer, Researcher, Senior Researcher III
Main activities and responsibilities	Ceramic superconducting materials research Research to obtain shape memory alloys Research on the development of sintered electrical contacts Research on obtaining high strength heavy alloys Research on obtaining micron ferromagnetic wires with amorphous structure by rapid cooling Materials characterization by magnetic measurements (VSM)
Name and address of employer	SC ICPE SA Bucharest, Splaiul Unirii, no. 313, zip code 030138, district 3
Type of business or sector	Research and Development
<b>Education and training</b>	
Dates	1992-1999
Title of qualification awarded	PhD/Dr.
Principal subjects/occupational skills covered	Doctoral Internship/Thesis: "Structural and compositional influences on high critical temperature materials superconductivity" (the distinction MAGNA CUM LAUDE)
Name and type of organisation providing education and training	Politehnica University of Bucharest, Faculty of Science and Materials Engineering
Level in national or international classification	Post-graduate education
Dates	1987-1988
Title of qualification awarded	Specialization (master)
Principal subjects/occupational skills covered	Field of specialization "Solid physics and applications to new materials with special physical applications" / Title: "Solid physics and applications of new materials achievement with special physical applications"
Name and type of organisation providing education and training	University of Bucharest, Faculty of Physics
Level in national or international classification	Post-graduate education
Dates	1979-1984
Title of qualification awarded	Engineer
Principal subjects/occupational skills covered	Metallurgy / Powder metallurgy, heat treatment, structural theory, units and metallurgical equipment
Name and type of organisation providing education and training	Politehnica University of Bucharest, Faculty of Science and Materials Engineering

Level in national or international classification | University education

**Personal skills and competences**

Mother tongue(s) | **Romanian**

Other language(s) | **French, Spanish, English**

Self-assessment  
*European level (\*)*

**French**

**Spanish**

**English**

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

(\*) [Common European Framework of Reference for Languages](#)

Social skills and competences

- Ability to adapt to multicultural environments
- Ability to work in multidisciplinary teams
- Very good communication skills
- Good analytical skills
- Willing to learn and prepare new things
- Ability to work under time restrictions

Organisational skills and competences

- Coordination and planning skills acquired through exercising of head function to level of department/laboratory/office, and as a member of the Scientific Council in the ICPE-CA, from 2001 until present
- Experience in management of research projects (both in design and in implementation), obtained through participation as a director/ responsible project in research projects earned by national and international competitions
- Ability to synthesize, report, identify strengths and weaknesses
- Very good experience in organization and coordination of scientific activities, both in country and abroad

Technical skills and competences

- Skills in the use of materials characterization techniques by magnetic measurements (VSM)
- A good knowledge of Quality -Environment Integrated Management System gained as coordinator at the institute level

Computer skills and competences

A good familiarity with Microsoft instruments Office™ (Word™, Excel™, Power Point™), Corel Draw, Internet Explorer, Outlook Express

## Other skills and competences

### Courses, specialization, improvements

- Course: "Microsoft Word - Excel", the International Computer School, Bucharest, 1998
- Ecole Franco-Romaine of Magnetisme " Aimants permanents hautes performances", Cluj-Napoca, 25 August - 01 September, 1999, organized by South University - Paris, University Joseph Fourier - Grenoble, CNRS - Grenoble and Babes Bolyai University - Cluj Napoca
- Course "Internal Audits of Environmental Management Systems", Sinaia, 15-19 May 2000, Personnel Certification Commission of the SIQ (Slovenian Institute of Quality) Board of Certification Body
- Course "Certification of EMS Procedures and Standards", Bucharest, 3-5 October 2000, Technologie D'Impresa - Certified Quality System Italy
- "Environmental management systems - ISO 14001 and the new approach of the quality systems", Bucharest, 18-22 February, 2002, organized by Quality Assurance Hulme, Staffordshire, United Kingdom
- "External auditors for the environmental management system", Bucharest, 31 October - 4 November 2005, organized by Quasaro, Quality Assurance Services, Bucharest
- Training "Integral Environmental Studies" at the Flemish Institute for Technological Research, VITO, Mol - Belgium, 5-15 April 2006
- Course "Structural Funds Management" organized by GTJM - Training and Development, Romania-Italy, May-November 2006, Certificate of Graduation PROJECT MANAGER Structural Funds Series D no. 0050702
- Education and research activity carried out in academic year 2006 - 2007 University "Stefan cel Mare" of Suceava
- Seminar "News in the use of Environment Fund. Environmental projects financing "- Chamber of Commerce and Industry, the Environment Fund Administration, March 31, 2008
- Intensive Training "Feasibility analysis of investment projects financed from structural funds"- OLIGAMA Management, 3-4 October 2008
- Training of specialization "Manager in quality", code 242 302 COR, graduated with a Graduate Certificate Series E no. 0109942, 2010, issued by the Ministry of Labour, Family and Equal Opportunities with the Ministry of Education, Research and Youth
- Training of improvement "Management - General Management", graduated with a Graduate Certificate Series F no. 0245672, 2011, issued by the Ministry of Labour, Family and Equal Opportunities with the Ministry of Education, Research and Youth

## Driving licence

Category B, 1985

## Additional information

### Member of scientific associations:

Romanian Society of Magnetic Materials (SRMM)  
United Kingdom Magnetic Society (England)  
Romanian Society of Powder Metallurgy (SRMP)  
Romanian Society of Carbon Materials (SRMC)  
IEEE - USA

Roman Electro-technical Committee (CER)

Technical Committee 30 (TC30), Technical Committee 19 (TC19), Technical Committee 34 (TC34)

**Expert** in programs: 2000 and 2001 - RELANSIN Commission 8, Area 9 – Electro-technics; 2003 and 2004 - Grant CNCSIS; 2005 – CEEX; 2005, 2006 and 2007 - Grant CNCSIS; 2008 - National RDI Plan, PN II, Program 4 Partnerships and program "IDEAS" - Exploratory Research Projects; 2010 - the Partnerships Program in priority areas - Complex Projects, the Advisory Board for Research, Development and Innovation - Executive Unit for Financing Higher Education, Research, Development and Innovation, CCCDI - UEFISCDI - implementation of projects for funding in competition in 2008.

**Auditor** (internal and external) Environmental Management System

**Publications:** 2 books (single author), 4 book chapters, over 100 scientific articles, of which 11 papers in ISI journals, 1 patent and 2 patent applications.

## Annexes

October 2011