



Europass Curriculum Vitae

Personal information

First name(s) / Surname(s) **Florentin Stoiciu**

Address(es) Institute for Nonferrous and Rare Metals - IMNR
102 Biruintei Blvd., 73957, Pantelimon, jud. Ilfov
Romania

Telephone(s) 0040213522048

Fax(es) 0040213522048

E-mail fstoiciu@yahoo.com

Nationality Romanian

Date of birth 05.03.1952

Gender M

Desired employment / Occupational field

Work experience

Dates 1978 - 1981

Occupation or position held **Diplomat geologist**

Main activities and responsibilities geological reserves evidence

Name and address of employer Copper mine Sasca Montana, Caras Severin Judet

Type of business or sector Extractive Industry

Dates 1981-2002

Occupation or position held **Scientific researcher, senior researcher**

Main activities and responsibilities Microscopical and XRD studies on natural and artificial materials (minerals, rocks, slags, ashes, flie
dusts, ceramics, metallo-ceramic composites, metals, metallic composites, alloys)

Name and address of employer Institute for Nonferrous and Rare Metals, 102 Biruintei Blvd., 73957, Pantelimon, jud. Ilfov

Type of business or sector Scientific Research

Dates 2000-2006

Occupation or position held **Responsible of the Microscopy Group**

Main activities and responsibilities Microscopical Studies , Coordination of Microscopy Analysis

Name and address of employer Institute for Nonferrous and Rare Metals, 102 Biruintei Blvd., 73957, Pantelimon, jud. Ilfov

Type of business or sector Scientific Research

Dates 2006-present

Occupation or position held **Head of Microscopy Laboratory**

Main activities and responsibilities Microscopical Studies, Coordination of Activities in The Microscopy Laboratory

Name and address of employer Institute for Nonferrous and Rare Metals, 102 Biruintei Blvd., 73957, Pantelimon, jud. Ilfov

Type of business or sector Scientific Research

Education and training

Dates	1971
Title of qualification awarded	High School graduation diploma
Principal subjects/occupational skills covered	
Name and type of organisation providing education and training	
Level in national or international classification	
Dates	1972-1977
Title of qualification awarded	Diplomat Geologist
Principal subjects/occupational skills covered	Geology, Mineralogy, Petrology, Ore Minerals
Name and type of organisation providing education and training	University of Bucharest, Faculty of Geology
Level in national or international classification	ISCED 5
Dates	1995-2002
Title of qualification awarded	Ph D in the field of Petrology
Principal subjects/occupational skills covered	Mineralogy, Petrology, Ore Minerals
Name and type of organisation providing education and training	University of Bucharest, Faculty of Geology
Level in national or international classification	ISCED 6

Personal skills and competences

Mother tongue(s) **Specify mother tongue : Romanian**

Other language(s)

Self-assessment

European level ()*

French

English

Bulgarian

Understanding				Speaking				Writing	
Listening		Reading		Spoken interaction		Spoken production			
C1	Proficient User	C2	Proficient User	C1	Proficient user	C1	Proficient user	C2	Proficient user
B1	Independent user	B2	Independent user	A2	Basic user	A2	Basic user	B2	Independent user
A2	Basic user	B1	Independent user	A2	Basic user	A2	Basic user	B1	Independent user

(*) *Common European Framework of Reference for Languages*

Social skills and competences I did activities in cultural and political field

Organisational skills and competences I was president of the Bulgarian Cultural Association from Branesti, Ilfov, Romania and Leader of the etno-folkloric group "Cucii", from Branesti, Ilfov, Romania.

Technical skills and competences

Computer skills and competences Knowledge of Microsoft Office Programs, Adobe Photoshop Program

Additional information

Annexes

1. List of publications in the last 5 years (selection)
2. Participation in International Projects
3. Patent Requests

LIST of PUBLICATIONS IN THE LAST 5 YEARS (SELECTION)

Papers printed in Journals and Proceedings

1. *Ghiță M., Stoiciu F., Bădiliță V., Predica V., Enache L.* – “Chemical and mineralogical characterization of rezidues from the recycling of accumulator batteries wasted”, *Romanian Journal of Mineral Deposits*, vol. 84, *Special Issue, Ed. IGR, 2010*
2. *D. Mitrică, V. Soare, F. Stoiciu, M. Burada, Victoria Soare, P. Moldovan, G. Popescu, M. Buțu* – “Magnesium Influence to In-Situ Fabrication of Al-Si/Al-Np by RGI Method”, *Metallurgy and New Materials Researches*. Vol. XVIII, No. 4/2010.
3. *V. Soare, I. Surcel, D. Mitrică, F. Stoiciu, V. Bădiliță, M. Radu, P. Moldovan* – “AlSiMg/SiC_P Fabrication through RGI Method”, *Metallurgy and New Materials Researches*. Vol. XVIII, No. 4/2010.
4. *V. Soare, M. Burada, D. Mitrică, V. Bădiliță, F. Stoiciu, C. P. Lungu, V. Gheneșcu, M. I. Rusu, Ș. Antohe* - “Electrodeposition and Characterisation of CuInSe/CdS Multilayered Thin Films Deposited on Flexible Substrate”, *Optoelectronics and Advanced Materials-Rapid Communications*, Vol. IV, No. 12, December 2010.
5. *M. Ghiță, F. Stoiciu, V. Bădiliță, Lenuța Enache, Maria Stoiciu, V. Georgescu* – „Complex Study, Chemical and Mineralogical, of the Red Mud Dumps Results in Romanian Alumina Plants”, *SGEM 2011- Bulgaria, Conference Proceedings*, Vol.I.
6. *Mihai Ghiță, Florentin Stoiciu, Viorel Bădiliță, Lenuța Enache, Maria Stoiciu* – „Mineralogical and Chemical Study of the Hydrargyllite and the Red Mud Resulted as By-Product for its Revaluation”, *SGEM 2011- Bulgaria, Conference Proceedings*, Vol.I.
7. *D. Cristea-Stan, B. Constantinescu, A. Vasilescu, D. Ceccato, C. Pacheco, L. Pichon, R. Simon, F. Stoiciu, M. Ghiță, C. Luculescu* - “A study of some Transylvanian native gold samples using micro-PIXE and micro-SR-XRF”, *SGEM 2012- 12th International Multidisciplinary Scientific Geoconference, Conference Proceedings*, Albena, Bulgaria, June 2012, ISSN 1314-2704
8. *Ghița M., Bădiliță V., Stoiciu F., Denut I., Lupu C., Mara L., Soare V.*- “A comparative study of the main deposits with high economic value of volcanic tuffs containing natural zeolite from Romania”, *Romanian Journal of Mineral Deposits*, vol. 85, No. 1, Ed. IGR, 2012, Brad, Romania, ISSN 1220-5648
9. *Piticescu R. R., Tudor A. I., Ghița M., Stoiciu F., Matteazzi P., Berton A., Fernandez J., Kusinski J.*- “Thermal characterization of Ni-Sn coatings obtained by supersonic cold gas deposition of nanostructured ball-milled powders”, *NANOSMAT Conference*, 18-21 sept. 2012, Prague, Czech Republic
10. *Ghița M., Stoiciu F. et al.* – „Studies and research on the use of the red mud for environmental applications to purification of polluted waters”, *XXXII-nd Romanian Chemistry Conference*, 3-5 october 2012, Calimanesti- Caciulata, Romania.
11. *Stoiciu F., Bădiliță V., Ghiță M.* – „Minerals of the Cu-Fe-S System in the Flie Dusts from the Extractive Metallurgy of the Copper” - *XV Balkan Mineral Processing Congress*, June 12-16 , 2013, Sozopol, Bulgaria, *Congress Proceedings ISBN 978-954-353-217-9*.
12. *Andreea Nicoleta Lupu, D. C. Olteanu, M. Ghița, S. S. Udubasa, F. Stoiciu, D. V. Dragut, V. Badilita, L. J. Enache* – „Research on gabbros from Cazanesti Ciungani, Romania, in order to identify new recovery directions”, *INCD ECOIND – International Symposium – SIMI 2013 „The Environment and The Industry”*.
13. *D. V. Dragut, Luminita Mara, M. Ghița, V. Badilita, F. Stoiciu, V. Badilita, Lenuta, Jana Enache, Eleonora Neagu, Victoria Soare* - *Researches regarding the effect of dry grinding and thermal dehydroxilation on serpentinite Dubova – Mehedinti, Romania, INCD ECOIND – International Symposium – SIMI 2013 „The Environment and The Industry”*.
14. *M. Ghița, Luminita Eleonora Mara, F. Stoiciu, V. Badilita, V. Badilita, Lenuta, Jana Enache, Andreea Ioana Gradinaru, D. V. Dragut*, „Characterisation of dumped serpentinite from Dubova – Mehedinti, Regarding complete recovery through sustainable environmental technology”, *INCD ECOIND – International Symposium – SIMI 2013 „The Environment and The Industry”*.
15. *F. Stoiciu, V. Badilita, M. Ghița, L.J.Enache* – „Phisico-Chemical Characterisation of a Copper Slag from Metallurgical Plant Zlatna” – *Roumanian Journal of Mineral Deposits*, Vol 86, No. 1, 2013.
16. *V. Soare¹, D. Mitrica, I. Constantin, V. Badilita, F. Stoiciu, A.-M. J. Popescu and I. Carcea* -” Influence of remelting on microstructure, hardness and corrosion behaviour of AlCoCrFeNiTi high entropy alloy” - *Materials Science and Technology*, 2015. RIS - 1,46
17. *Gheorghe M. L. Ponta, M. D.; Nam Nguyen Xuan, PhD; Florentin Stoiciu, PhD.; Viorel Badilita, MS; Lenuta Jana Enache, MS; Ioan A. Tudor, MS.* – “Karst hidrogeological observation in Tra Linh and Hoa Quang districts, Cao Bang Province, Vietnam” will be published in *Carbonates and Evaporites (CAEV)*, 2016 .

Communications at Scientific Conferences

1. *I. Surcel, M. Radu, F. Stoiciu, V. Badilita, D. Mitrica*, “Characterisation of New Soldering Alloys without Lead Contents”, *National Conference of Metallurgy and Materials Science, Bucuresti Romania, 2008*
2. *P. Capota, L. Enache, M. Stoiciu, F. Stoiciu, V. Badilita*, “Soldering Alloys with and without Lead. Influence of The Chemical Composition on The Properties”, *XXXI-th National Chemistry Conference, Ramnicu Valcea, Romania, 2010*.

Participation in International Projects

1. **BIOMINE** – Biotechnology for Metal Bearing Materials, FP6, Project Nr. 500329-1, 2004-2008
2. **MANUDIRECT**- Ultraprecise Direct Manufacturing, FP6, Project Nr. NMP2-CT-2006-026467, 2006-2010
3. **SUPERSONIC**- Supersonic Deposition of Nanostructured Surfaces, FP7, Project Nr. 228814-2, 2009-2013

Patent Requests

1. A /00990/ 03.10.2010- Coil procesing process, products and installation
Adsorbent material derived from the red mud revaluation and process
2. A/00622/24.08.2012- Coagulant neconvențional pentru purificarea apelor încărcate cu hidrocarburi și procedeu de obținere a acestora.
3. A/00762 din 22.10.2013, cu titlul: Procedeu de purificare a mineralelor de magneziu de tipul silicatilor naturali.