

Europass Curriculum Vitae

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Personal information

First name(s) / Surname(s)
Address(es)
Telephone(s)
Fax(es)
E-mail
Nationality
Date of birth

Interss(es)Đorđa Andrejevića Kuna 1/3, 19210, Bor, Serbiashone(s)+381 30 421 264Fax(es)+381 30 435 247E-mailradmila.markovic@irmbor.co.rstionalitySerbianof birth27.08.1961GenderFemale

Markovic Radmila

Mobile: + 381 62 450 762

Work experience

DatesMarch 2015 to present timeOccupation or position heldResearcher associateMain activities and responsibilitiesRew technologies in a field of inorganic metals and nonmetals. Recycling technology of solid and refinement from primary and secondary raw materials. Environmental protection, Purification processes (neutralization, adsorption, solvent extraction, electro wining, etc.).Name and address of employerMining and Metallurgy Institute Bor, Zeleni bulevar 35, 19210, BorDatesJune 2011. – March 2015ResearcherResearcherMain activities and responsibilitiesInorganic technological processes, New technologies in a field of inorganic metals and nonmetals, Recycling technology of solid and liquid waste materials, Hydrometallurgy processes, Electrolytic copper production and refinement from primary and secondary raw materials, Environmental protection, Purification processes (neutralization, adsorption, solvent extraction, electrol wining, etc.Name and address of employerMining and Metallurgy Institute Bor, Zeleni bulevar 35, 19210, BorType of business or sectorDepartment of scienceMain activities and responsibilitiesMarch 2006. – November 2009 Main designing engineerMain activities and responsibilitiesMarch 2006. – November 2009 Main activities and responsibilitiesMain activities and responsibilitiesDesigning, investment and consulting in inorganic technological processes. Investigation and development of new technologies in a field of inorganic metals and nonmetals. Recycling technology of solid and liquid waste materials. Hydrometallurgy processes, Purification processes (neutralization, adsorption, solvent extraction, electro wining, etc.).							
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Page 1/9 - Curriculum vitae of For more information on Europass go to http://europass.cedefop.europa.eu	Name and address of employer	Mining and Metallurgy Institute Bor, Zeleni bulevar 35, 19210, Bor					
	Type of business or sector	Designing and Development in Metallurgy Department					

January 2001. - March 2006 Dates

Occupation or position held

Independent Expert Associate

October 1996 - January 2001

August 1987 - January 1996

Main activities and responsibilities

Investigation, development and application of new technologies in field of inorganic metals and nonmetals. Laboratory, semi-industrial and industrial investigation - Cu electrolytic refinement. Recycling and purification processes for materials from metallurgical and hydrometallurgical copper bearing processes. Electrochemical process: Cu, Pb, Ni, Zn, Ag.

Investigation and development of new technology for non-ferrous metals on laboratory and semiindustrial level, Electrolytic cathode copper and copper powder production, High purity metals:

Name and address of employer Type of business or sector

Dates

Occupation or position held Expert Associate

Main activities and responsibilities

Name and address of employer Type of business or sector

Metallurgy and Technology Department

Metallurgy and Technology Department

Dates

Occupation or position held Main activities and responsibilities

> Name and address of employer Type of business or sector

Subordinate Expert - Associate Investigation of new inorganic process, High purity metals, Amorphous materials, Superconducted materials Mining and Metallurgy Institute Bor, Zeleni bulevar 35, 19210, Bor

Mining and Metallurgy Institute Bor, Zeleni bulevar 35, 19210, Bor

Cu, Ag, Se, Pb, Ni, Amorphous materials, Superconducted materials

Mining and Metallurgy Institute Bor, Zeleni bulevar 35, 19210, Bor

Metallurgy and Technology Department

PhD - Doctor of technical sciences

Technical Faculty Bor, University of Belgrade

Dates November 1986 - August 1987

Occupation or position held Main activities and responsibilities Name and address of employer Type of business

Beginner Metallurgy and Technology Mining and Metallurgy Institute Bor, Zeleni bulevar 35, 19210, Bor

Integrated treatment of different waste materials from copper mine industry

Education and t

Title of qualification awarded Principal subjects/occupational skills covered Name and type of organisation providing education and training Level in national or international classification

VIII

Dates February 1988 - May 2001

Title of qualification awarded Principal subjects/occupational skills covered Name and type of organisation providing education and training Level in national or international VII-2 classification

MSc. - Master of technical sciences Chemical engineering - Researching, development and application of new processes for nonferrous metals

Technological-Metallurgical Faculty Beograd, University of Belgrade

September 1980 - Jun 1986 Dates

Page 2/9 - Curriculum vitae of For more information on Europass go to http://europass.cedefop.europa.eu Surname(s) First name(s) © European Communities, 2003 20060628

or sector	Metallurgy and Technology Department						
raining							
Dates	October 2010 – April 2014						

	I						
Title of qualification awarded	B.Sc Bachelor's degree of technology						
Principal subjects/occupational skills covered	Chemical engineering						
Name and type of organisation providing education and training	Technological-Metallurgical Faculty Beograd, University of Belgrade						
Level in national or international classification	VII-1						
Personal skills and competences	Invitation Scientist from Institute: IME – Process Metallurgy and Metal Recycling Departmen and Chair of RWTH Aachen – Germany., Period of staying on Institute – IME – Proces Metallurgy and Metal Recycling was 7 monts. Technical examination, Department of Urbanisr and Planning of Serbia, March 2002 License for projecting, Serbian Chamber of Engineers, Jul 2004						
Mother tongue(s)	Serbian						
Other language(s)	-				11		
Self-assessment	Underst	anding	Speak	ing	Writing		
European level (*)	Listening	Reading	Spoken interaction	Spoken production			
English	C2	C2	C1	C1	B1		
competences Technical skills and competences	The member of SCIENTIFIC COMMITTEE OF 47th International October Conference on Mining and Metallurgy – IOC 2015 Knowledge of usage of P.C. with DOS and MS WINDOWS operating systems. Advanced M: Office user. Intermediate and high level in many Windows application and low level of AutoCad prograr uses. High level in knowledge of MS Windows NT network architecture and administratior Using all electronic forms of communication (advanced internet user). Private acquired.						
Computer skills and competences	Operative system: Windows 98/2000/XP						
Other skills and competences	Member of IKS (Serbian Society of Planers and Designers), Belgrade 2004						
Driving licence	Yes ("B" category)						
Additional information	Two (2) chapters in the books of international importance, numerous publications in international and national journals (26), participation in international and national conferences (52 publications in Proceedings or Book of Abstracts), meetings and projects. Projects by Ministry of Science, Republic of Serbia and projects and studies (49). List of some references is in annex. Citation (16) in ISI Web of Knowledge Reviewer in national journal.						
List of references	List the most important references						

Chapter in the book or thematic proceedings of international importance

- R. Marković, J. Stevanović, Z. Stevanović, Lj. Obradović, M. Bugarin, R. Jonović: "*Removal of Harmful and Hazardous Materials from Mine Waste Waters using Local Available Waste Materials and Different Industrial By-Products*", Hazardous Materials: Types, Risks and Control, Edited by Satinder Kaur Brar, New York, Nova Science Publishers US, Chapter 14, (ISBN: 978-1-61324-425-8), (2011) 409-421.
- J. Stevanović, R. Marković, B. Friedrich, M. Gvozdenović, S. Šerbula: "Treatment of the Waste Sulphur Acidic Solutions Obtained in the Conventional Electrolytic Copper Refining Process using the Soluble Anodes- (Part A)", Advances in Materials Science Research. Volume 11, Edited by Maryann C. Wythers, New York, Nova Science Publishers US, Part A: Chapter 6, (ISBN: 978-1-61470-594-9), (2012-April) 345-364.
- J. Stevanović, R. Marković, B. Jugović, Lj. Avramović, S. Šerbula, S. Pašalić: "Treatment of the Waste Sulfur Acid Solution Obtained in the Standard Process of Copper Electrolysis using the Insoluble Anodes – (Part B) " Advances in Materials Science Research. Volume 11, Edited by Maryann C. Wythers, New York, Nova Science Publishers US, Part B: Chapter 7, (ISBN: 978-1-61470-594-9), (2012-April) 365-384.
- 4. Števanović Zoran, Obradović Ljubiša, Marković Radmila, Jonović Radojka, Avramović Ljiljana, Bugarin Mile, Stevanović Jasmina: Chapter 2: "*Mine Waste Water Management in the Bor Municipality in order to Protect the Bor River Water*", Advances in Waste Water-Treatment Technologies and Recent Analytical Developments, Edited by Dr. Fernando Sebastian Garcia, Edited by Fernando Sebastian García Einschlag and Luciano Carlos, Published by InTech, First published January, 2013, (ISBN 980-953-307-598-8), 41-63

Publication in the magazines of international importance

- R.Marković, B.Friedrih, J.Stajić–Trošić, B.Jordović, B.Jugović, M.Gvozdenović, J. Stevanović: "Behaviour of non-standard composition copper bearing anodes from the copper refining process", Journal of Hazardous Materials (ISSN: 0304-3894) 182 (1-3): (2010) 55–63 (IF=4.144, 2009).
- R. Marković, J. Stevanović, Lj. Avramović, D. Nedeljković, J. Stajić-Trošić, B. Jugović, M. Gvozdenović: "Copper Sulphate Pentahydrate as a Product of the Waste Sulfuric Acid Solution Treatment", Metallurgical and Materials Transactions B (ISSN: 1073-5615), Vol. 43B, December 2012, pp. 1388—1392, doi: 10.1007/s11663-012-9721-8,(IF=0.903, 2011).
- Z.Stevanović, M.Antonijević, R.Jonović, Lj.Avramović, R.Marković, M.Bugarin, V.Trujić: 'Leach SX-EW copper revalorization from overburden of abandoned copper mine Cerovo, Eastern Serbia', Journal of Mining and Metallurgy, Vol. 45 Sec. B (1) 2009, 45-57, (ISSN:1450-5339), DOI: 10.2298/JMMB0901045S, (M22, IF= 0.548, 2009).
- R.Marković, J.Stevanović, Z.Stevanović, M.Bugarin, D.Nedeljković, A.Grujić, J.Stajić Trošić: "Using the Low-Cost Waste Materials for Heavy Metals Removal from the Mine Wastewater", Material Transactions JIM, (ISSN:1345-9678), Vol. 52, No. 10, 2011, pp. 1849-1852 (IF=0.674, 2011).
- Radmila Marković, Jasmina Števanović, Milica Gvozdenović, Branimir Jugović, Aleksandar Grujić, Dragutin Nedeljković, Jasna Stajić-Trošić: "Treatment of Waste Copper Electrolytes Using Insoluble and Soluble Anodes", Int. J. Electrochem. Sci., 8, vol.5 (2013) 7357 7370, ISSN: 1452-3981 (IF=3,729, 2011), Publisher: ESG, link: <u>http://electrochemsci.org/list13.htm#issue5</u>
- 6. Zoran Stevanović, Milan Antonijević, Grozdanka Bogdanović, Mile Bugarin, Vlastimir Trujić, Radmila Marković & Dragutin Nedeljković: "*The effect of oxidants through a tailing dump depth and the leaching of copper*", Carpathian Journal of Earth and Environmental Sciences, February 2013, Vol. 8. No. 1, p. 29 38, ISSN Printed: 1842 4090, ISSN Online: 1844 489X, (IF=1.495, 2012)., Publisher: North University of Baia Mare, Faculty of Mineral Resources and Environment, link: <u>http://www.ubm.ro/sites/CJEES/viewIssue.php?issueId=20</u>
- Ljiljana Avramović, Mile Bugarin, Zoran Stevanović, Ljubiša Obradović, Marko Jonović, Radojka Jonović, Radmila Marković: "Uticaj rudničkog otpada iz RTB Bor na okolne vodotokove", Zaštita materijala, 54 (2013), br.1, 83-86, (ISSN: 0351-9465), UDC: 628.16:623, Izdavač: Inženjersko društvo za koroziju, link: http://www.sitzam.org.rs/zm/
- 8. Radojka Jonović, Ljiljana Avramović, Mile Bugarin, Radmila Marković, Zoran Stevanović, Marko Jonović: "Proces luženja bakra iz rudarskog otpada sa otpadnim vodama", Zaštita materijala, 54 (2013), br.2, 179-182, (ISSN: 0351-9465), UDC: 669.35:672.772.002.84, Izdavač: Inženjersko društvo za koroziju, link: http://www.sitzam.org.rs/zm/
- Radmila Marković, Jasmina Stevanović, Milica Gvozdenović, Jelena M. Jakšić, TREATMENT OF WASTE SULFURIC ACID COPPER ELECTROLYTE, Mining & Metallurgy Engineering Bor, No. 3, 2014, 141- 147, Editor-in-chief: Ph.D. Milenko Ljubojev, Published by: Mining and Metallurgy Institute Bor, ISSN: 2334-8836, UDK: 541.138:661.85/.874(045)=111 DOI:10.5937/MMEB1403141
- 10. Radmila Marković, Vojka Gardić, Branimir Jugović, Marija Stevanović DEWATERING OF SLUDGE OBTAINED BY NEUTRALISATION FROM SULFURIC-ACID WASTE SOLUTIONS, Mining & Metallurgy Engineering Bor, No. 3, 2014, 141- 147, Editor-in-chief: Ph.D. Milenko Ljubojev, Published by: Mining and Metallurgy Institute Bor, ISSN: 2334-8836, UDK: 628.336.4:66.094.8 (045)=111 DOI:10.5937/MMEB1404125M

Paper presented at international conference published in whole

- R.Marković, S.Živković-Nikolić, V.Cvetkovski, Ž.Gojković, V.Stangačilović: "Investigation of the possibility of copper recovery from cement slurry by hydrometallurgical procedures", 7 th International Mineral Processing Symposium – Istanbul, 15-17 Septembar 1998, 38-43
- R.Marković, V.Stangačilović: "Influence of Cu2+ ion various concentrations on copper powder quality", II International Conference on Powder Metallurgy RO PM 2000 – Cluj Napoca, Romania, 2000., 241-245, (ISBN:9739471501)
- R.Marković, V.Stangačilović: "Influence of cell Geometry on Cu powder characteristics", 3rd International Powder Metallurgy Conference, Gazi University, Ankara, Turkey, 2002, 577-581

- R.Marković, R.Aleksić, D.Trifunović, D.Stojanović: "Copper Powder Production at Lower Values of Cathode Current Density", III International Conference on Powder Metallurgy RO PM 2005 – Sinaia, Romania, 7-9 July, 597-600, (ISBN: 1221-5872)
- R.Marković, S.Dragulović, V.Trujić: "Heavy metal removal from waste water using low-cost materials", 2nd International Conference on Advantages in Mineral Resources Management and Environmental Geotehnology, AMIREG 2006, 25-27 September 2006, Hania, Greece, 755-759, (ISBN:960-89228-1-X)
- Z.Stanojević-Šimšić, R.Marković, LJ.Obradović: "Dewatering of sludge produced from metallurgical waste waters during electrolyte regeneration, copper refining and precious metals recovery", 2nd International Conference on Advantages in Mineral Resources Management and Environmental Geotehnology, AMIREG 2006, 25-27 September 2006, Hania, Greece, 763-765, (ISBN:960-89228-1-X)
- R.Marković, S.Dragulović, V.Trujić: "Deccoperization of metallurgical wasterwater from Copper Minning and smelting Complex Bor", European Metallurgical Conference EMC 2007, June, 11-14, Disseldorf, Germany, 403-416 (ISBN: 978-3-940276-06-3)
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