

Europass Curriculum Vitae



Personal information

First name(s) / Surname(s) **Aleksandra Milosavljević**

Address(es)

Telephone(s) + 381 30 454 252

Mobile:

E-mail aleksandra.milosavljevic@irmbor.co.rs

Nationality Serbian

Date of birth 21.12.1973.

Gender Female

Work experience

Dates From February 2011.

Occupation or position held Research Associate

Main activities and responsibilities

Name and address of employer Mining and Metallurgy Institute, Zelene bulevar 35, 19210 Bor, Serbia

Type of business or sector Science Projects and Programs

Dates 2006 - 2011.

Occupation or position held Research Assistant

Main activities and responsibilities

Name and address of employer Mining and Metallurgy Institute, Zelene bulevar 35, 19210 Bor, Serbia

Type of business or sector Metallurgy Department

Dates 2002-2006

Occupation or position held Research Trainee

Main activities and responsibilities

Name and address of employer Copper Institute, Zelene bulevar 35, 19210 Bor, Serbia

Type of business or sector Metallurgy Department

Dates 2001-2002

Occupation or position held Trainee

Main activities and responsibilities

Name and address of employer Copper Institute, Zelene bulevar 35, 19210 Bor, Serbia

Type of business or sector Metallurgy Department

Dates 2000-2001
 Occupation or position held Scholar
 Main activities and responsibilities Scholarship by Ministry of Science, working on projects in Copper Institute
 Name and address of employer Ministry of Science, Belgrade, Serbia

Education and training

Dates 31.08.2010.
 Title of qualification awarded PhD
 Principal subjects/occupational skills covered Doctoral dissertation: Thermodynamic Analysis and Structural Characteristics Examination of Lead-Free Solder Alloys in Ag-In-Sn-Cu System
 Name and type of organisation providing education and training Technical Faculty in Bor, VJ 12, 19210 Bor, Serbia
 Level in national or international classification VIII

Dates 09.03.2006.
 Title of qualification awarded Master of Science
 Principal subjects/occupational skills covered Thesis: Thermodynamic and Structural Characteristics Investigation of Ternary Ag-In-Sn System
 Name and type of organisation providing education and training Technical Faculty in Bor, VJ 12, 19210 Bor, Serbia
 Level in national or international classification VII-2

Dates 24.11.1999.
 Title of qualification awarded Bachelor of Science
 Principal subjects/occupational skills covered Comparative Thermodynamic Analysis of Ga-In Binary System
 Name and type of organisation providing education and training Technical Faculty in Bor, VJ 12, 19210 Bor, Serbia
 Level in national or international classification VII-1

Personal skills And competences

Mother tongue(s) Serbian

Other language(s)

Self-assessment
 European level (*)

English

Understanding		Speaking		Writing			
Listening		Reading		Spoken interaction		Spoken production	
C2		C2		B2		B2	

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

Social skills and competences Member of Serbian Chemical Society
 Member of Materials Research Society of Serbia

Organisational skills and competences Successful participation in project teams

Technical skills and competences During my science working (PhD thesis etc.) I was involved in laboratory investigations, especially different methods of materials characterization

Computer skills and competences	Microsoft Office, Internet Explorer, Origin, Pandat software
Other skills and competences	Experience in mathematical calculation and modelling
Additional information	Numerous publications in international and national journals (20), participation in international and national conferences (40 publications in Proceedings or Book of Abstracts), meetings and projects. Projects by Ministry of Science, Republik of Serbia (4) are in the field of materials and chemical technologies, energy efficiency, metallurgy and environmental. List of some references is in annex. Citation (4) in ISI Web of Knowledge Reviewer in national journal. Personal interests: Interests in music, popular science, maths and children education. Love to travel and meet different cultures.
Annexes	References and awards

Award:

1. The Award for the best practice project for the ECOSOLDER project, European Integration Office in Serbia, IPA Cross Border Programme

Projects:

1. Development of technology for non-ferrous and noble metals extraction from domestic polymetallic raw materials, , Copper Institute Bor, 2005.-2007, Ministry of Science (participant on the project)
2. Development of technology and products of ecological solders, Mining and Metallurgy Institute Bor, 2008-2010, Ministry of Science (participant on the project)
3. Development of ecological knowledge-based advanced materials and technologies for multifunctional application, Ministry of science, 2011-2015(participant on the project)
4. Promoting new ecologic filler alloys for soldering, based on the non-ferrous ore of the Romanian-Serbian cross-border area, ECOSOLDER, IPA Cross Border Cooperation Programme, 2013-2014, (Joint research Coordinator on the project)

Monography:

1. **A.Milosavljević**, A.Kostov, "Ecological lead-free solders Sn-In-X (X=Ag, Cu)", MMI Bor, 2014, ISBN: 978-86-7827-045-1

Publications:

1. D.Živković, **A.Milosavljević**, A.Mitovski, B.Marjanović, *Comparative thermodynamic study and characterization of ternary Ag-In-Sn alloys*, Journal of Thermal Analysis and Calorimetry, Vol.89 (2007) 1, 137-142
[ISSN 1388-6150(Print) 1572-8943(Online); IF(2007)=1,306, Chemistry, Analytical 45/70, Chemistry, Physical 70/110]
2. **A.Milosavljević**, D.Živković, D.Manasijević, N.Talijan, A.Grujić, V.Čosović, *Phase equilibrium investigation and alloys characterization in Sn-In-Ag system*, Chemical Industry, Vol.62 (2008) 3, 148-152
[ISSN 0367-598X; IF(2009)=0,117, Engineering, Chemical 117/126]
3. **A.Milosavljević**, D. Živković, D. Manasijevic, N. Talijan, V.Čosović, A. Grujić, B. Marjanovic, *Phase diagram investigation and characterization of ternary Sn-In-Me (Me= Ag,Cu) lead-free solder systems*, International Journal of Materials and Product Technology, Vol. 39 (2010) 1-2, 95-107
[ISSN 1741-5209(Online), 0268-1900(Print); IF (2009): 0.384; Materials Science, Multidisciplinary 179/211]
- 4.**A.Milosavljević**, D.Živković, D.Manasijević, Y.Du, N.Talijan, M.Bu, A.Kostov, *Phase diagram investigation of Sn-InxAg_yCu_z (x:y:z = 7:2:1) section in the Ag – In – Sn – Cu system*, International Journal of Materials Research, Vol. 104 (2013) 5, 452-45 [1862-5282; IF(2013)=0.7194; Metallurgy & Metallurgical Engineering 32/75]
5. A.Kostov, A.Milosavljević, R.Todorović, L.Gomidželović, "Lead-free alloys for ecological solders manufacturing", Mining and Metallurgy Engineering Bor 2 (2014) 117-122, MMI Bor, ISSN 2334-8836
6. R.Stolić, **A.Milosavljević**, *Utilization of waste heat gasses from copper smelting process for electrical energy production*, Mobility&Vehicles Mechanics, International Journal for Vehicle Mechanics, Engines and Transportation Systems, Monografija (2005) 190-195
[ISSN 1450-5304, UDC 621+629(05)=802.0]
- 7 **A.Milosavljević**, D.Živković, Ž.Kamberović, *Structural characteristics of some ternary Ag-In-Sn alloys*, Metalurgija-Journal of Metallurgy, Vol.14 (2008) 3, 161-167

8. V. Verbitchi, L. Botila, C.Ciuca, A.Kostov, **A.Milosavljević**, R. Todorović., Improving a Brazed Joint Structure with a new Ecological Brass, *Advanced Materials Research*, Vol. 1111 (2015), 19-24

Conferences & Meetings

1. R.Stolić, D.Mišić, **A.Milosavljević**, M.Strak, *Exergy analysis of copper production process from sulphide concentrates*, The Fourth International Conference Heavy Machinery, Kraljevo, 2002.
2. **A.Milosavljević**, D.Živković, D.Manasijević, N.Talijan, V.Ćosović, A.Grujić, R.Todorović, *Phase diagram calculation and electroconductivity measurement of ternary Sn-In-Me (Me = Ag, Cu) systems*, 39th International October Conference on Mining and Metallurgy, Sokobanja, 2007., Proceedings, p. 457-462
[ISBN 987-86-80987-52-1]
3. **A.Milosavljević**, D.Živković, A.Grujić, N.Talijan, J.Trošić-Stajić, *DSC investigations of Sn-In-Ag-Cu leadfree solder alloys*, 40th International October Conference on Mining and Metallurgy, Sokobanja, 2008., Proceedings, p. 334-338
[ISBN 978-86-80987-60-6]
4. R.Todorović, **A.Milosavljević**, *Production technology for turbine wheel casts based on nickel superalloy IN 713-C*, 40th International October Conference on Mining and Metallurgy, Sokobanja, 2008., Proceedings, p. 495-499
[ISBN 978-86-80987-60-6]
5. A. Kostov, **A. Milosavljević**, L. Gomidželović, R. Todorović, *Lead-free alloys for ecological solders manufacturing*, 9th International Multidisciplinary Scientific Geo-Conference & EXPO SGEM 2009 Modern Management of Mine Producing, Geology and Environmental Protection, Bulgaria, 2009, Proceedings, p. 555-561
[ISBN 954918181-2]
6. **A.Milosavljević**, D.Živković, R.Todorović, *The role of indium in lead-free solder alloys*, 41st International October Conference on Mining and Metallurgy, Kladovo, 2009, Proceedings, p. 435-438
[ISBN 978-86-7827-033-8]
7. R.Todorović, **A.Milosavljević**, B.Čadenović, *Influence of purity and microstructure on the copper mechanical characteristics*, 41st International October Conference on Mining and Metallurgy, Kladovo, 2009, Proceedings, p. 521-526
[ISBN 978-86-7827-033-8]
8. **A.Milosavljević**, D.Živković, A.Kostov, R.Todorović, *Perspective of low melting lead-free alloys for ecological solder production*, 2nd International Symposium Environment Protection in Industrial Areas, Kosovska Mitrovica, 2009, Proceedings, p. 403-406
[ISBN: 987-86-80893-23-5]
9. **A.Milosavljević**, D.Živković, Ž.Kamberović, M.Cocić, B.Matović, *Characterization of Ternary Alloys in Ag-In-Sn System*, 1st South East European Congress of Chemical Engineering, Belgrade, 2005, Book of Abstracts, p. 268
[ISBN 86-905111-0-5]
10. **A.Milosavljević**, D.Živković, D.Marković, *Structural investigations of leadfree solders based on Ag-In-Sn*, 4th Balkan Conference on Metallurgy, Zlatibor, 2006, Proceedings, p. 710
11. **A.Milosavljević**, D.Živković, A.Grujić, N.Talijan, A.Kostov, J.Trošić-Stajić, *Investigation of thermodynamic, thermal, structural and electric properties of the some alloys in Ag-Cu-In-Sn system*, TOFA, Krakow, Poland, 2008
12. B.Čadjenovic, R.Markovic, **A.Milosavljević**, *Influence of some elements from anode copper on cathode copper quality*, ISIRR, Hunedoara, Romania, 2009
13. **A.Milosavljević**, R.Stolić, P.Stolić, *Possibilities of treating IT waste by recycle technologies on Serbia territory*, I Symposium on Recycling Technologies and Sustainable Development, Sokobanja, 2006, Proceedings, p. 289-293
14. **A.Milosavljević**, D.Živković, N.Talijan, A.Grujić, *The influence of indium on some leadfree solder alloys characteristics*, 8th Scientific/Research Symposium with international participation MNM 2010, Zenica, BiH, 2009, Proceedings, p. 144-148
15. A.Kostov, **A.Milosavljević**, R.Todorović, L.Gomidželović, E.Požega "Determination of the activation energy in the shape memory alloy CuZn27.6Al3.5", The 46th International October Conference on Mining and Metallurgy, 01-04 October 2014, Bor Lake, Serbia, Proceedings, p 374-377
16. L.Gomidželović, E.Požega, A.Kostov, N.Vuković, **A.Milosavljević**, R.Todorović, "Cu-Al-Zn" shape memory alloys: Investigation of microstructure, The 46th International October Conference on Mining and Metallurgy, 01-04 October 2014, Bor Lake, Serbia, Proceedings, p 289-292