



CURRICULUM VITAE

M.Sc. Zdenka Stanojević Šimšić, Eng.

PERSONAL INFORMATION

Name	Zdenka Stanojević Šimšić
Address	ZELENI BULEVAR 35, 19210 BOR, SERBIA
Telephone	+381 30 454 217
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E-mail	zdenkassh@irmbor.co.rs
Nationality	Serbian
Date of birth	24/10/1969

WORK EXPERIENCE

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| <ul style="list-style-type: none"> • Dates (from – to) • Name and address of employer • Type of business or sector • Occupation or position held • Main activities and responsibilities | <p>From May 2011 – presently</p> <p>Mining and Metallurgy Institute Bor, Zeleni bulevar 35, 19210, Bor</p> <p>Department of Science</p> <p>Research Associate, field of materials science</p> <p>Scientific, researching</p> |
| <ul style="list-style-type: none"> • Dates (from – to) • Name and address of employer • Type of business or sector • Occupation or position held • Main activities and responsibilities | <p>From October 2006 – May 2011</p> <p>Mining and Metallurgy Institute Bor, Zeleni bulevar 35, 19210, Bor</p> <p>Metallurgy Department</p> <p>Research Associate</p> <p>Scientific, researching, recycling of the PGMs and non-ferrous metals</p> |
| <ul style="list-style-type: none"> • Dates (from – to) • Name and address of employer • Type of business or sector • Occupation or position held • Main activities and responsibilities | <p>From September 1996 - October 2006</p> <p>Mining and Metallurgy Institute Bor, Zeleni bulevar 35, 19210, Bor</p> <p>Mineral processing Department</p> <p>Research Associate</p> <p>Copper and other metals extraction from ores and concentrates using hydrometallurgical methods</p> |

EDUCATION AND TRAINING

<ul style="list-style-type: none">• Dates (from – to)• Name and type of organization providing education and training• Principal subjects/occupational skills covered• Title of qualification awarded• Level in national classification (if appropriate)	From 28 th May 2013 - presently University of Belgrade, Technical Faculty Bor Ph.D. Thesis: "Investigation of Phase Equilibria and Thermal Analysis of Shape Memory Alloys in Systems Cu-Al-Ag and Cu-Al-Au " Ph.D. Student
<ul style="list-style-type: none">• Dates (from – to)• Name and type of organization providing education and training• Principal subjects/occupational skills covered• Title of qualification awarded• Level in national classification (if appropriate)	May 2005 Center for foreign language study Belgrade English language course, level High II A Certificate for excellent examination pass
<ul style="list-style-type: none">• Dates (from – to)• Name and type of organization providing education and training• Principal subjects/occupational skills covered• Title of qualification awarded• Level in national classification (if appropriate)	28 th January 2005 University of Belgrade, Technical Faculty Bor M.Sc. Thesis: "Copper Ions Extraction from Diluted Solution Using Electrochemical cell with Three-dimensional Electrode " Magistar of the Technical Science VII/2
<ul style="list-style-type: none">• Dates (from – to)• Name and type of organization providing education and training• Principal subjects/occupational skills covered• Title of qualification awarded• Level in national classification (if appropriate)	19 th March 1996 University of Belgrade, Technical Faculty Bor B.Sc. Thesis: "Copper (II) Ions Recovery from wastewater of the Copper Cementation Plant in Bor Using Ion – exchange process" Bachelor of the Technical Science, Dipl.-Ing. VII/1

PERSONAL SKILLS AND COMPETENCES

*Acquired in the course of life and career
but not necessarily covered by formal
certificates and diplomas.*

MOTHER TONGUE SERBIAN

OTHER LANGUAGES

• Reading skills	English Excellent
• Writing skills	Excellent
• Verbal skills	Excellent

SOCIAL SKILLS

AND COMPETENCES

Living and working with other people, in multicultural environments, in positions where communication is important and situations where teamwork is essential (for example culture and sports), etc.

- Member of the Associated Phase Diagram and Thermodynamics Committee (APDTC)

ORGANIZATIONAL SKILLS

AND COMPETENCES

Coordination and administration of people, projects and budgets; at work, in voluntary work (for example culture and sports) and at home, etc.

- Member of the team - EU project within FP6 programme: INCO-CT-2003-509167, Proposal no. PL 509167 from 2004 to 2006, Project title: Integrated Treatment of Industrial Wastes Towards Prevention of Regional Water Resources Contamination, Project acronym: INTREAT, Project Coordinator: Dr Dimitris Panias, Project Coordinator from Copper Institute Bor: Dr Ana Kostov

TECHNICAL SKILLS

AND COMPETENCES

With computers, specific kinds of equipment, machinery, etc.

Internet, Microsoft Office, Excel, Origin, PowerPoint, Photoshop

ARTISTIC SKILLS

AND COMPETENCES

Music, writing, design, etc.

Playing accordion and piano, needlework

OTHER SKILLS

AND COMPETENCES

Competences not mentioned above.

Literature, gardening, accessory of scientific, technical and technological accomplishments in the home-country and abroad

DRIVING LICENCE(S)

Yes ("B" category)

ADDITIONAL INFORMATION

She has:

- 7 papers published in leading international journals (ISI SCI list),
- 13 papers published in national journals,
- 32 papers presented in international symposiums and conferences,
- 1 international project,
- 4 scientific projects in fields of hydrometallurgical recycling technologies
- 7 technical-developing solutions

The most important publications:

1. Articles in International Journals

1. **Zdenka Stanojević Šimšić**, Dragana Živković, Dragan Manasijević, Tamara Holjevac Grgurić, Yong Du, Mirko Gojić, Stjepan Kozuh, Ana Kostov, Radiša Todorović, Thermal analysis and microstructural investigation of Cu-rich alloys in the Cu–Al–Ag system, *Journal of Alloys and Compounds* 612 (2014) 486–492.
2. **Z. Stanojević Šimšić**, D. Manasijević, D. Živković, T. Holjevac Grgurić, A. Kostov, D. Minić, Ž. Živković, Experimental investigation and characterization of selected as-cast alloys in vertical Cu_{0.5}Ag_{0.5}–Al section in ternary Cu–Al–Ag system, *J Therm Anal Calorim* (2015) 120:149–155.
3. S. Dragulović, Z. Ljubomirović, **Z. Stanojević Šimšić**, V. Conić, S. Dimitrijević, V. Cvetkovski, V. Trujić, Recovery of Rhodium from Secondary Raw Material for Usage in Electronic Devices, *OPTOELECTRONICS AND ADVANCED MATERIALS-RAPID COMMUNICATIONS*, Vol.5, No.12 December 2011, p. 1370-1375. <http://oam-rc.inoe.ro/index.php?option=articles&cntid=24>.
4. Danijela Urošević, Zoran Marković, **Zdenka Stanojević Šimšić**, Aleksandar Milenković, Dragan Milanović, Vladan Spasojević, "The behaviour of bentonite, sodium polyacrilate and sodium silicate as dispersators and their influence on the stability of the smelter slag in flotation process", *Metalurgia International* vol. XVII no.5 (2012) p. 5-13.
5. **Z. Stanojević Šimšić**, S. Dragulović, S. Dimitrijević, V. Trujić, V. Conić, A. Ivanović, V. Gardić, "Study the new technological procedure of copper electrolytic refining using non-standard plate electrodes", *optoelectronics and advanced materials – rapid communications* Vol. 6, No. 11-12, Nov. – Dec. 2012, p. 1197 – 1201.
6. Vesna T. Conić, Branka D. Pešovski, Vladimir B. Cvetkovski, **Zdenka S. Stanojević Šimšić**, Suzana S. Dragulović, Danijela B. Simonović, Silvana B. Dimitrijević, "LEAD SULPHATE LEACHING BY SODIUM CHLORIDE SOLUTION", *Hem. Ind.* **67** (3) (2013) pp. 485–494.
7. Živković, D., Grgurić, T.H., Gojić, M., Ćubela, D., **Šimšić, Z.S.**, Kostov, A., Kožuh, S., Calculation of thermodynamic properties of Cu-Al-(Ag,Au) shape memory alloy systems, *Transactions of the Indian Institute of Metals*, **67** (2) (2014), pp. 285-289.

2. Published contributions to academic conferences

1. S. Dragulović, V. Trujić, **Z. Stanojević Šimšić**, V. Cvetkovski, S. Dimitrijević, D. Simonović, Platinum Solvent extraction from Rhodium – Acid Solution, 14th International Research/ Expert Conference, "Trends In the Development of Machinery and Associated Technology", TMT, Mediterranean Cruise, 11-18 September 2010, pp.169-171.
2. Suzana Dragulović, **Zdenka Stanojević Šimšić**, Silvana Dimitrijević, Aleksandra, Ivanović Zorica Ljubomirović, "Comparative view of copper electrolytic refining by using standard and non-standard electrodes", *SGEM* 2011, 11th International Multidisciplinary Scientific Geoconference, Bulgaria, Albena 20-25 June 2011, pp. 821-827.
3. V. Conić, V. Cvetkovski, S. Dragulović, **Z. Stanojević Šimšić**, D. Stanković, Comparing of Hydrometallurgical Extractions of Copper in RTB Bor and Institute for Mining and Metallurgy, IN-TECH 2011, International Conference on Innovative Technologies, Bratislava, Slovakia 2011, pp. 570-571.
4. Vesna T. Conić, Vladimir B. Cvetkovski, Zdenka S. Stanojević Šimšić, Suzana S. Dragulović, Zorica S. Ljubomirović, Milena Cvetkovska,

- Bioreaching of Zn-Pb-Ag Sulphidic Concentrate, TMT 2011, 15TH International Research/Expert Conference "Trends In the Development of Machinery and Associated Technology", Czech Republic, Prague, 12-18 September, pp. 681-684.
5. **Zdenka S. Stanojević Šimšić**, Suzana S. Dragulović, Zorica S. Ljubomirović, Vesna T. Conić, Dragana S. Božić, Study of Platinum Traces Behavior During High Purity Rhodium Winning by Solvent Extraction, TMT 2011, 15TH International Research/Expert Conference "Trends In the Development of Machinery and Associated Technology", Czech Republic, Prague, 12-18 September, pp. 677-681.
 6. Zorica S. Ljubomirović, **Zdenka S. Stanojević Šimšić**, Vesna T. Conić, Silvana B. Dimitrijević, Mirjana M. Šteharnek, Separation of Palladium as a By-Product in Obtain High Purity Rhodium by Solvent Extraction, TMT 2011, 15TH International Research/Expert Conference "Trends In the Development of Machinery and Associated Technology", Czech Republic, Prague, 12-18 September, pp. 673-676.
 7. Vesna Conić, Suzana Dragulović, Vladimir Cvetkovski, **Zdenka Stanojević Šimšić**, Zorica Ljubomirović, Branka Pešovski, Danijela Simonović, Solvent Extraction of Copper and Platinum Group of Metals, IOC 2011, 43rd International October Conference on Mining and Metallurgy, October 12-15 2011, Kladovo, Serbia, pp. 132-135.
 8. **Zdenka Stanojević Šimšić**, Suzana Dragulović, Zorica Ljubomirović, Vesna Conić, Dragana Božić, Milan Gorgievski, Danijela Simonović, An Overview of the Plating Bath Preparation from Recycling Rhodium to Rhodium (III)-Sulphate, IOC 2011, 43rd International October Conference on Mining and Metallurgy, October 12-15, 2011, Kladovo, Serbia, pp. 136-138.
 9. Dana Stanković, Vladimir Cvetkovski, **Zdenka Stanojević Šimšić**, Ljiljana Mladenović, Branislav Čadenović, Characterization of the Gold-Bearing Polymetallic Concentrate from the Site Čoka Marin, IOC 2011, 43rd International October Conference on Mining and Metallurgy, October 12-15, 2011, Kladovo, Serbia, pp. 594-597.
 10. Dragana Božić, Milan Gorgievski, Velizar Stanković, Nada Štrbac, Suzana Dragulović, **Zdenka Stanojević Šimšić**, Zorica Ljubomirović, Adsorption of Nickel Ions Onto Beech Sawdust, IOC 2011, 43rd International October Conference on Mining and Metallurgy, October 12-15, 2011, Kladovo, Serbia, pp. 396-399.
 11. Vladimir Cvetkovski, Silvana Dimitrijević, Vesna Conić, Suzana Dragulović, **Zdenka Stanojević Šimšić**, Gold Extraction from the Polymetallic Sulphide Ore, EMFM 2011, 1st International Symposium on Environmental and Material Flow Management, may 26-28 2011, Zaječar, Serbia, pp. 169-175.
 12. Vladimir Cvetkovski, Silvana Dimitrijević, Vesna Conić, Suzana Dragulović, **Z. Stanojević Šimšić**, Ružica Lekovski, "DISTRIBUTION OF ARSINE IN THE PROCESS OF COPPER CEMENTATION", 2nd International Symposium on Environmental and Material Flow Management; Zenica – Bosnia and Herzegovina, 07th - 09th June 2012, pp.
 13. Silvana B. Dimitrijević, Suzana S. Dragulović, Zorica S. Ljubomirović, Vlastimir K. Trujić, **Zdenka S. Stanojević Šimšić**, Radmila T. Marković, Biserka T. Trumić, "RECYCLING OF SILVER AND COPPER FROM HAUSING PLATED WITH SILVER", 2nd International Symposium on Environmental and Material Flow Management; Zenica – Bosnia and Herzegovina, 07th - 09th June 2012
 14. **Zdenka Stanojević Šimšić**, Suzana Dragulović, Silvana Dimitrijević, Vesna Conić, Radmila Marković, Vlastimir Trujić, Zorica Ljubomirović, "AN OVERVIEW OF THE MOST OFTEN USED ADDITIVES IN THE PROCESS OF COPPER ELECTROLYTIC REFINING", IOC 2012, 44th International October Conference on Mining and Metallurgy, Bor, Serbia 1st – 3rd October 2012, 363-368.

15. Vesna Conić, Branka Pešovski, Ružica Lekovski, **Zdenka Stanojević Šimšić**, Suzana Dragulović, Danijela Simonović, Silvana Dimitrijević, "DETERMING THE OPTIMUM CONDITIONS OF LEACHING SULPHATE LEAD BY SODIUM CHLORIDE", IOC 2012, 44th International October Conference on Mining and Metallurgy, Bor, Serbia 1st – 3rd October 2012, pp. 369-372.
16. Silvana Dimitrijević, Vlastimir Trujić, Zdenka Stanojević Šimšić, Radmila Marković, Vesna Conić, Aleksandra Ivanović, Stevan Dimitrijević, "RECOVERY OF METALS FROM ELECTRONIC WASTE BY BIOMETALLURGY – A review part III", IOC 2012, 44th International October Conference on Mining and Metallurgy, Bor, Serbia 1st – 3rd October 2012, pp. 277-280.
17. Dana Stanković, Vesna Conić, Ružica Lekovski, Zdenka Stanojević Šimšić, Suzana Dragulović, Branka Pešovski, Branislav Čadenović, "HYDROMETALLURGICAL TREATMENT OF GINDUSA BIOLEACH RESIDUE", IOC 2012, 44th International October Conference on Mining and Metallurgy, Bor, Serbia 1st – 3rd October, pp. 585-588.
18. **Zdenka Stanojević Šimšić**, Suzana Dragulović, Vesna Conić, Silvana Dimitrijević, Zorica Ljubomirović, Milan Gorgievski, Dragana Božić "INDIUM RECYCLING FROM WASTE PRODUCTS IN THE WORLD", 3rd International Symposium on Enviromental and Material Flow Management; Enviromental Campus Birkenfeld – Germany, 27th - 29th June 2013.
19. Zorica Ljubomirović, **Zdenka Stanojević Šimšić**, Silvana Dimitrijević, Vesna Conić, Mirjana Šteharik, " REVIEW OF TOXITY OF INDIUM COMPOUNDS", IOC 2013, 45th International October Conference on Mining and Metallurgy, Bor Lake, Serbia, 16 – 19 October 2013, pp. 588 – 591.
20. Vesna Conić, Dana Stanković, Svetlana Ivanov, Suzana Dragulović, **Zdenka Stanojević Šimšić**, Branka Pešovski, Vesna Krstić, "PHYSICOCHEMICAL PROPERTIES OF GINDUŠA AND TENKA CONCENTRATE", IOC 2013, 45th International October Conference on Mining and Metallurgy, Bor Lake, Serbia, 16 – 19 October 2013, pp.455 – 458.
21. **Z. Stanojević Šimšić**, D.Živković, T.Holjevac Grgurić, I.Marković, D.Marković, R.Todorović, D.Manasijević, A.Kostov, M.Gojić, K.Terzić, INVESTIGATION OF MICROSTRUCTURAL AND MECHANICAL CHARACTERISTICS OF THE ALLOYS FROM SECTION WITH 90 AT% CU IN TERNARY Cu-Al-Ag SYSTEM, 14th International Foundrymen Conference, Development and Optimization of the Castings Production Processes, May, 15 - 16, 2014, Opatija, Croatia, pp. 37-42.
22. **Dragana Živković**, Ana Prvulović, Tamara Holjevac Grgurić, Dragan Manasijević, Yong Du, Mirko Gojić, Ana Kostov, **Zdenka Šimšić Stanojević**, Ljubiša Balanović, Stjepan Kožuh, Radiša Todorović, Kinetics of Phase Transformations in Cu-2wt.%Al-8wt.%Ag and Cu-4wt.%Al-6wt.%Ag Alloys, The 46th International October Conference on Mning and Metallurgy, Bor Lake, Bor, Serbia, 01-04 October 2014, pp. 611-614.
23. **Zdenka Stanojević Šimšić**, Vesna Conić, Suzana Dragulović, Dragana Božić, Milan Gorgievski, Zorica Ljubomirović, Ljiljana Maldenović, Tngsten Carbide Recycling, The 46th International October Conference on Mning and Metallurgy, Bor Lake, Bor, Serbia, 01-04 October 2014, pp. 160-163.
24. Vesna Conić, **Zdenka Stanojević Šimšić**, Suzana Dragulović, Silvana Dimitrijević, Dana Stanković, Branka Pešovski, Danijela Simonović, Precious Metals Cyanide Leaching from Bioleach Residue, The 46th International October Conference on Mning and Metallurgy, Bor Lake, Bor, Serbia, 01-04 October 2014, pp. 204-207.
25. Branka Pešovski, Danijela Simonović, Vesna Conić, **Zdenka Stanojević Šimšić**, Energy Characteristics of Dimensionally Stable Anodes, The 46th International October Conference on Mning and Metallurgy, Bor Lake, Bor, Serbia, 01-04 October 2014, pp. 501-504.

26. S. Dragulović, **Z. Stanojević Šimšić**, S. Dimitrijević, A. Ivanović, Z. Ljubomirović, Comparative view of copper electrolytic refining by using standard and non-standard electrodes, SGEM 2011, 11TH International Multidisciplinary Scientific Geoconference, Albena, Bulgaria, June 2011, Proceedings p. 821-827.
27. **Z. Stanojević-Šimšić**, R. Marković, Lj. Obradović, Dewatering of sludge produced from metallurgical wastewaters during electrolyte regeneration, copper reffining and precious metals recovery, AMIREG 2006, 2nd International Conference on Advantages in Mineral Resources Management and Environmental Geotehnology, Hania, Greece, September 2006, Proceedings p. 763-765.
28. Z. Stevanović, Lj. Obradović, **Z. Stanojević Šimšić**, Gold leaching with Thiourea from old Bor flotation tailings, 4th Balkan conference on Metallurgy, Zlatibor, Serbia, September 2006, Proceedings p. 283 - 285.
29. **Z. Stanojević Šimšić**, Lj. Obradović, Z. Stevanović, Caracterization and dewatering of metallurgical waste waters, 4th Balkan conference on Metallurgy, Zlatibor, Serbia, September 2006, Proceedings p. 347-352.
30. **Z. Stanojević-Šimšić**, S. Jakovljević, D. Milanović, Improvement of copper valorization by leaching of flotation tailings obtained from smelter slag, 10th Conference of Environment and Mineral Processing, Ostrava, Poland, June 2006, Proceedings p. 22 – 24.
31. Lj. Obradović, **Z. Stanojević Šimšić**, Z. Stevanović, Wastewaters menagement on Veliki Krivelj, 38th International October Conference on Mining and Metallurgy, Donji Milanovac, Serbia, October 2006, Proceedings p. 483 – 488.
32. **Z. Stanojević Šimšić**, R. Marković, Lj. Obradović, Study of Dewatering of Sludge Produced of Metallurgical Wastewaters from Electrolyte Regeneration, Copper Refiningand Precisious Metals Plants, 38th International October Conference on Mining and Metallurgy, Donji Milanovac, Serbia, October 2006, Proceedings p. 569 – 573.