

CURRICULUM VITAE

Dr. Silvana Dimitrijević, Ph.D.Eng.

Personal information

Name Silvana Dimitrijević

Address Zeleni Bulevar 35, 19210 Bor, Serbia

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E-mail <u>silvana.dimitrijevic@irmbor.co.rs</u>

Nationality Serbian

Date of birth 26/08/1972

WORK EXPERIENCE

Dates (from – to)
 17.12.2014. – presently

• Name and address of employer Mining and Metallurgy Institute Bor, Zeleni bulevar 35, 19210, Bor

Type of business or sector
 Occupation or position held
 Department of Science
 Researcher Associate

• Dates (from – to) 10.01.2012.-17.12.2014.

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

Type of business or sector
 Occupation or position held
 Department of Science
 Research Assistant

Main activities and responsibilities
 Scientific, researching and developing activities

• Dates (from – to) 01.05.2011.-10.01.2012.

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

Type of business or sector
 Occupation or position held
 Department of Science
 Senior Associate

• Dates (from – to) 10.01.2012.-01.06.2001.

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

Type of business or sector
 Occupation or position held
 Metallurgy Department
 Senior Associate/ Associate/

Occupation or position held
 Main activities and responsibilities
 Senior Associate / Associate
 Production of metal salts for electroplating and agriculture

- Hydrometallurgy of primary and secondary raw materials

- Electrorefining of copper with non-standrad content of noble metals

- Gold plating from non-cyanide electrolyte

• Dates (from – to) 01.06.1999.-01.06.2001.

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

Type of business or sector
 Metallurgy Department

Occupation or position held
 Young researcher

Main activities and responsibilities
 Production of metal salts for electroplating and agriculture

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· Dates (from - to) 01.06.1998. - 01.06.1999.

· Name and address of employer Copper Institute Bor, Zeleni bulevar 35, 19210 Bor

 Type of business or sector Metallurgy Department Research Trainee · Occupation or position held

· Main activities and responsibilities Projecting and researching trainee

EDUCATION AND TRAINING

· Dates (from - to) 20-24th October 2014

 Name and type of organization Umicore Galvanotechnik GmbH, Schwaebisch Gmuend, Germany providing education and training

· Principal subjects/occupational Study tour skills covered

Research Associate · Title of qualification awarded

· Level in national classification (if appropriate)

> • Dates (from - to) 07th Aprilr 2014

 Name and type of organization University of Belgrade, Technical Faculty Bor providing education and training

· Principal subjects/occupational Ph.D. Thesis: "Synthesis and characterization of a gilding bath based on gold complex with skills covered mercaptotriazole"

· Title of qualification awarded Doctor of the Technical Science in the Field of Metallurgy, Ph.D.Eng.Met.

· Level in national classification VIII

(if appropriate)

11th December 2011 · Dates (from - to)

 Name and type of organization University of Belgrade, Technical Faculty Bor providing education and training

· Principal subjects/occupational M.Sc. Thesis: " Characterization of decorative gold coatings obtained from the electrolyte based skills covered on mercaptotriazole "

Magistar of the Technical Science · Title of qualification awarded

· Level in national classification VII/2 (if appropriate)

> · Dates (from - to) 28th February 2005

 Name and type of organization Ministry for Civil Engineering, Republic of Serbia providing education and training

· Principal subjects/occupational State examination for metallurgical engineering

skills covered

· Title of qualification awarded Projecting in metallurgy · Level in national classification

· Dates (from - to) 17th May 1997

(if appropriate)

 Name and type of organization University of Belgrade, Technical Faculty Bor providing education and training

· Principal subjects/occupational B.Sc. Thesis: "Decorative gold coatings obtained from the electrolyte based on mercaptotriazole" skills covered

Bachelor of the Technical Science, Dipl.-Ing. · Title of qualification awarded

· Level in national classification VII/1 (if appropriate)

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

English

Reading skillsWriting skillsVerbal skillsExcellent

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.

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.

- Connoisseur of modern concepts in all engineering fields
- Excellent organization skills.
- Agile, Reliable, Loyal and Confidential person.

TECHNICAL SKILLS

AND COMPETENCES

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

Internet, Microsoft Office, Excel, Origin, PowerPoint, FactSage thermo-chemical software

ARTISTIC SKILLS

No

AND COMPETENCES

Music, writing, design, etc.

OTHER SKILLS

AND COMPETENCES

Competences not mentioned above.

DRIVING LICENCE(S)

Yes ("B" category)

ADDITIONAL INFORMATION

She has:

- 12 papers published in leading international journals (ISI SCI list),
- 22 papers published in national journals,
- 50 papers presented in international symposiums and conferences,
- 16 papers presented in national symposiums and conferences,
- 3 scientific projects in fields of materials science and metallurgy
- 8 research projects in the fields metal processing, electrochemistry and production of metal salts
- 12 technical-developing solutions

The most important publications

Articles in International Journals

- 1. **S. Dimitrijević**, M. Rajčić-Vujasinović, S. Alagić, V. Grekulović, V. Trujić, Formulation and characterization of electrolyte for decorative gold plating based on mercaptotriazole, Electrochimica acta, Vol. 104, (2013), pp. 330-336
- 2. **S. B. Dimitrijević**, M. M. Rajčić-Vujasinović, R. M. Jančić-Hajneman, J. B. Bajat, V. K. Trujić, D D. Trifunović, Temperature effect on the decorative gold coatings obtained from electrolyte based on mercaptotriazole comparation with cyanide, International Journal of Materials Research, Vol. 105, (2014), pp. 271-281
- 3. S. Dragulović, Z. Ljubomirović, Z. Stanojević-Šimšić, V.Conić, **S. Dimitrijević**, V. Cvetkovski, V. Trujić, Recovery of rhodium from secondary raw materials for usage in electronic devices, Optoelectronics and advanced materials-Rapid communications, Vol. 5, No. 12, December 2011., (2011)
- 4. V. Trujić, S. Dragulović, **S. Dimitrijević**, Z. Ljubomirović, D. Simonović, Electrochemical deposition of Cu, Pt, Pd and Rh from waste sulphur acidic solution obtained in anode slime decoperisation, Metalurgia International, No.2, (2012), pp. 11-155.A. Ivanović, S. Dimitrijević, S. Di 6. A. Ivanović, V. Marjanović, **S. Dimitrijević**, M. Ignjatović, V. Trujić, M. R. Ignjatović, Development of environmental copper-based alloys, TTEM, Vol. 7, No.2, (2012), pp. 572-579
- 7. Z. Štanojević-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 comunications, Vol. 6, No. 11-12, Nov. Dec. (2012), pp. 1197 1201
- 8. V. T. Conić, B. D. Pešovski, V. B. Cvetkovski, Z. S. Stanojević Šimšić, Suzana S. Dragulović, D. B. Simonović, **S. B. Dimitrijević**, Određivanje optimalnih uslova luženja olovo-sulfata rastvorom natrijum-hlorida autora, Chemical Industry, No. 3, str.485-494, (2013)
- 9. B. Trumić, L. Gomidželović, S. Marjanović, V. Krstić, A, Ivanović, **S, Dimitrijević**, Pt-Rh Alloys: Investigation of Creep Rate and Rupture Time at High Temperatures, Materials Testing, Vol. 55, No. 1, (2013) pp. 1-5
- 10. V. Tasić, **S. Dimitrijević**, Kontrolni sistem za elektroltičku rafinaciju, Zaštita materijala, Vol. 54, No. 3, (2013), str. 301-306
- 11. **S. Dimitrijević**, M. Mirić, V. Trujić, Aleksandra Ivanović, Stevan Dimitrijević, Recovery of Precious Metals from E-scrap, Iranian Journal of Chemistry II Chemical Engineering, Vol. 32, No. 4, (2013), pp. 17-23
- 12. **S. B. Dimitrijević**, M. B. Mirić, V. K. Trujić, B. N. Madić, S. P. Dimitrijević, Recovery of Precious (Au, Ag, Pd, Pt) and Other Metals by E-Scrap Processing, Bulgarian Chemical Communications, Volume 46, Number 2, (2014), pp. 417 422

Published contributions to academic conferences

- 1. **S. Jovanović**, V. Cvetkovski, Suspended particles removal from waste solutions of copper production plant, VIII International Mineral Procesing Symposium, Proceedings, 16.-18. October Antalya, 2000. Turkey, pp. 123-126
- 2. R. Marković, D. Simonović, **S. Dimitrijević**, Selenium and selenious acid as raw materials in additive production for human use, ICCE-11 8.-14. August, 2004., Proceedings, South Carolina, IJSA
- 3. S. Dimitrijević, V. Trujić, M. Rajčić-Vujasinović, D.Trifunović, Lj. Stamenković, Temperature effect on decorative gold plating using the gold complex based on mercaptotriasole, 40th International October Conference on Mining and Metallurgy, Proceedings, October 2008, Sokobanja, Serbia, pp. 458-466
- 4. **S. Dimitrijević**, V. Trujić, M. Rajčić-Vujasinović, Preparation of non-cyanide electrolyte for gold plating, 13th International Research TMT 2009., Proceedings 16.-21.10.2009., Hammamet, Tunisia, pp. 893-895
- 5. S. Dragulović, **S. Dimitrijević**, B. Pešovski, Review of price for refinment gold contact scrap of

- electronic computers, 13th International Research TMT 2009., Proceedings, 16.-21.10.2009., Hammamet, Tunisia, pp. 141-143
- 6. S. S. Dragulović, V. K. Trujić, Z. Stanojević-Šimšić, V. B. Cvetkovski, Z.orica S. Ljubomirović, S. B. Dimitrijević, D. B. Simonović, Platinum solvent extraction from rhodium-acid solution, 14th International Research/Expert Conference "Trends in the Development of Machinery and Associated Technology" TMT 2010., Proceedings, 11.-18.09.2010., Mediterian Cruise, pp. 169-171
- 7. **S. B. Dimitrijević**, V. K. Trujić, M. M. Rajčić-Vujasinović, Development of new non-cyanide technology in gold plating, 14th International Research/Expert Conference "Trends in the Development of Machinery and Associated Technology" TMT 2010., Proceedings, 11.-18.09.2010., Mediterian Cruise, pp. 669-671
- 8. **S. B. Dimitrijević**, V. K. Trujić, M. M. Rajčić-Vujasinović, Gold plating from a new electrolyte, 42nd International October Conference on Mining and Metallurgy, Proceedings, October 2010, Kladovo, pp. 294-297
- 9. **S. B. Dimitrijević**, S.Dragulović, V. K. Trujić, Refinment gold from gold contact scrap of electronic computers, 42nd International October Conference on Mining and Metallurgy, Proceedings, October 2010, Kladovo, pp. 440-443
- 10. V. Cvetkovski, **S. B. Dimitrijević**, S. Dragulović, V. T. Conić, Zdenka Stanojević-Šimšić, Gold extraction from a polyimetallic sulfid ore, 1st International Symposium on EMFM, Proceedings, May 2011., Zaječar, Serbia, pp. 169-176
- 11. S. Dragulović, Z. Stanojević-Šimšić, **S. Dimitrijević**, A. Ivanović, Z. Ljubomirović, Comparative view of copper electrolytic by using standard and non-standard electrodes, SGEM 20.-25.06. 2011. Proceedings. Albena. Bulgaria. pp. 821-827
- 12. **S. Dimitrijević**, S. Dragulović, V.r Trujić, Lj. Mišić, Z. Ljubomirović, Recovery of gold and silver fom printed circuit boards (PCBs), SGEM 20.-25.06. 2011., Proceedings, Albena, Bulgaria, pp. 850-858
- 13. B. N. Madić, **S. B. Dimitrijević**, A. T. Ivanović, Metal production basing on the e-scrap processing, 15th International Research TMT 2011., Prague, Czech Republic, 12.-18.09.2011., pp. 749-752
- 14. **S. B. Dimitrijević**, A. T. Ivanović, D. B. Simonović, Ž. J. Kamberović, M. S. Korać, Electrodepositon of copper and precious metals from waste sulfuric acid solution, 15th International Research TMT 2011., Prague, Czech Republic, 12.-18.09.2011., pp. 689-692
- 15. Z. S. Ljubomirović, **S. B. Dimitrijević**, Z. S. Stanojević-Šimšić, M. M. Šteharnik, V. T. Conić, Separation of paladdium as a by-product in a obtain high purity rhodium by solvent extraction, 15th International Research TMT 2011., Prague, Czech Republic, 12.-18.09.2011., pp. 673-676
- 17. S. B. Dimitrijević, M. M. Rajčić-Vujasinović, R. M. Jančić-Hajneman, J. B. Bajat, V.K. Trujić, D. D. Trifunović, Temperature efect on surface roughness of decorative gold coatings, 43rd International October Conference on Mining and Metallurgy, Proceedings, October 2011., Kladovo, pp. 440-443
- 18. **S. Dimitrijević**, M. Rajčić-Vujasinović, R. Jancic-Hajneman, D. Trifunović, J. Bajat, V. Trujić, S. Alagić, Non-cyanide electrolytes for gold plating a review of recent developments, International Scientific and Profesional Meeting Eco-Ist'12, Proceedings, 30.05.-02.06.2012. Zaječar, Srbija, pp.194-199
- 19. **S. B. Dimitrijević**, S. S. Dragulović, Z. S. Ljubomirović, V. K. Trujić, Z. S. Stanojević-Šimšić, R. T. Marković, Biserka T. Trumić, Recycling of silver and copper from hausing plated with silver, 2nd International Symposium on Environmental and Material Flow Management "EMFM 2012" Zenica, B&H. Procedings, 07-09 June 2012, pp. 59-65
- 20. V. Cvetkovski, **S. Dimitrijević**, V. Conić, S. Dragulović, Z. Stanojević-Šimšić, R. Lekovski, Distrubution of arsine in the process of copper cementation, 2nd International Symposium on Environmental and Material Flow Management "EMFM 2012" Zenica, B&H, Procedings, 07-09 June 2012, pp. 31-35
- 21. **S. B. Dimitrijević**, R. T. Marković, M. S. Korać, Ž. J. Kamberović, V.r K. Trujić, O.D. Dimitrijević, A. T. Ivanović, Verification of designed parameters of plant for electrochemical investigations, 16th International Research/Expert Conference "Trends in the Development of Machinery and Associated Technology" TMT 2012, Dubai, UAE, 10-12 September 2012, pp. 187-191
- 22. **S. B. Dimitrijević**, V. K. Trujić, B. T. Trumić, M. B. Mirić, V. T. Conić, A. T. Ivanović, Stevan P. Dimitrijević, Recovery of metals from electronic waste by pyrometallurgical processing A review Part I, 44th International October Conference on Mining and Metallurgy, Bor, Serbia 1st 3rd October 2012, pp. 269-272
- 23. **S. B. Dimitrijević**, V. K. Trujić, B. T. Trumić, R. T. Marković, S. Dragulović, A. T. Ivanović, S. P. Dimitrijević, Recovery of metals from electronic waste by hydrometallurgical processing–A review Part II, 44th International October Conference on Mining and Metallurgy, Bor, Serbia 1st 3rd October 2012, pp. 273-276

- 24. S. B. Dimitrijević, V. K. Trujić, Zdenka Stanojević-Šimšić, Radmila Marković, V. Conić, A. T. Ivanovic, S. P. Dimitrijevic, Recovery of metals from electronic waste by biometallurgy–A review Part III, 44th International October Conference on Mining and Metallurgy, Bor, Serbia 1st 3rd October 2012, pp. 277-280
- 25.S. B. Dimitrijević, S. P. Dimitrijević, A. Ivanović, M. Mirić, Waste hierarchy concept in relation with Europan and worldwide used lube oils menagment practtices, 44th International October Conference on Mining and Metallurgy, Bor, Serbia 1st 3rd October 2012, pp. 693-698
- 26.A. Ivanović, B. Trumić, M. Jovanović, S. Dimitrijević, V. Gardić, V. Marjanović, B. Petković, Prediction of tensile strength of copper-based alloys by using statistical analysis, 44th International October Conference on Mining and Metallurgy, Bor, Serbia 1st 3rd October 2012, pp. 265-268
- 27.B. Trumić, A. Ivanović, S. Marjanović, L. Gomidželović, S. Dimitrijević, V. Krstić, A comparative analysis of high temperature mechanical characteristics of platinum and palladium, 44th International October Conference on Mining and Metallurgy, Bor, Serbia 1st 3rd October 2012, pp. 415-418
- 28.B. Trumić, A. Ivanović, D. Stanković, S. Dimitrijević, S. Marjanović, Vesna Krstić, Pt-Rh: Alloys: Investigation of elongation at high temperatures, 44th International October Conference on Mining and Metallurgy, Bor, Serbia 1st 3rd October 2012, pp. 419-422
- 29.B. Trumić, A. Ivanović, D. Stanković, S. Dimitrijević, S. Marjanović, L. Gomidželović, Pt-Rh alloys: Investigation of tensile strength at high temperatures, 44th International October Conference on Mining and Metallurgy, Bor, Serbia 1st 3rd October 2012, pp. 423-426
- 30.V. Marjanović, A. Ivanović, S. Dimitrijević, Branka Pešovski, Danijela Simonović, Jelena Petrović, Possibility of pollution monitoring by anthropogenic lead isotopes in the natural deposits, 44th International October Conference on Mining and Metallurgy, Bor, Serbia 1st 3rd October 2012, pp. 675-680
- 31.S. B. Dimitrijević, M. M. Rajčić-Vujasinović, R. M. Jančić-Hajneman, J. B. Bajat, Vlastimir K. Trujic, D. D. Trifunovic, The effect of additive on the surface roughness of decorative gold coatings, 44th International October Conference on Mining and Metallurgy, Bor, Serbia 1st 3rd October 2012, pp. 321-325
- 32. Z. Stanojević-Šimšić, S. Dragulović, **S. Dimitrijević**, V. Conić, R. Marković, V. Trujić, Z. Ljubomirović, An overview of the most often used additives in the process of copper electrolytic refining, 44th International October Conference on Mining and Metallurgy, Bor, Serbia 1st 3rd October 2012, pp. 363-368
- 33. V. Conić, B. Pešovski, R. Lekovski, Z. Stanojević-Šimšić, S. Dragulović, D. Simonović, **S. Dimitrijević**, Determining the optimum conditions of leaching sulphate lead by sodium hloride, 44th International October Conference on Mining and Metallurgy, Bor, Serbia 1st 3rd October 2012, pp. 369-372
- 34. S. Filipović, J. Stanković, **S. Dimitrijević**, R. Marković, G. Slavković, Verification of designed parameters of enlarged laboratory plant for electrochemical investigations, 44th International October Conference on Mining and Metallurgy, Bor, Serbia 1st 3rd October 2012, pp. 787-790 35. J. Stanković, Z. Stevanović, S. Filipović, V. Gardić, **S. Dimitrijević**, R. Marković, Corrosion of steel in presence of elemental sulphur ic acid, 44th International October Conference on Mining and Metallurgy, Bor, Serbia 1st 3rd October 2012, pp. 791-794
- 36. **S. Dimitrijević**, M. Rajčic-Vujasinović, S. Alagić, V. Grekulović, V. Trujić, Chemical and electrochemical characterzation of gold complex based on mercaptotriazole in alcine media, XXI International Scientific and Profesional Meeting Ecological Truth, Proceedings,04.-07.06.2013., Bor Lake, Bor, Serbia, pp.148-155
- 37. **S. P. Dimitrijević**, S. B. Dimitrijević, M. Vuković, Electrocoagulation in Waste Water Treatment, XXI International Scientific and Professional Meeting Ecological Truth, 04. -07. June 2013, Bor Lake, Bor, Serbia, pp. 262-264
- 38. **S. B. Dimitrijević**, S. Dimitrijević, M. Vuković, Review of Modern Water Treatment by Electrochemical Oxidation, 17th International Research/Expert Conference "Trends in the Development of Machinery and Associated Technology" TMT 2013, Istanbul, Turkey, 10-11 September 2013, pp. 281-284
- 39. B.iserka Trumić, A. Ivanović, V. Krstić, L. Gomindželović, **S. Dimitrijević**, Examining the surfaces in used platinum catalysts, 17th International Research/Expert Conference "Trends in the Development of Machinery and Associated Technology" TMT 2013, Istanbul, Turkey, 10-11 September 2013, pp. 161-164
- 40. **S. Dimitrijević**, Mirjana Rajčic-Vujasinović, Slađana Alagić, Vesna Grekulović, Vlastimir Trujić, Chemical and electrochemical characterzation of gold complex based on mercaptotriazole in acid media17th International Research/Expert Conference "Trends in the Development of Machinery and Associated Technology" TMT 2013, Istanbul, Turkey, 10-11 September 2013, pp.165-168

- 41. **S. B. Dimitrijević**, M. M. Rajčić-Vujasinović, R. M. Jančić-Hajneman, J. B. Bajat, V. K. Trujić, D. D. Trifunović, Current density and temperature on microhardness of decorative gold coatings obtained from the auri-merkaptotriazole comparasion with cyanide, First Metallurgical and Materials Enfineering Congress of South East Europe (MME SEE 2013), May 23-25. 2013., Belgrade, Serbia, pp. 334-340
- 42. **S. Dimitrijević**, M. M. Rajčić-Vujasinović, Z. Stević, Ž. Kamberović, M. Korać, S. B. Dimitrijević, Metal extraction and separation processes in recycling of CIGS based thin film PV modiles, The second International Conference on renewable electrical power sources, ICREPS, Belgrade, 16.-18. 2013., pp. 1-8
- 43. **S. B. Dimitrijević**, R. M. Jančić-Hajneman, J. B. Bajat, V. K. Trujić, D. D. Trifunović, The effects of pH value and additive on microhardness of decorative gold coatings obtained from the auri-merkaptotriazole, 45th International October Conference on Mining and Metallurgy, Bor Lake, Serbia, 2013, pp. 140-143
- 44. Z. S. Ljubomirović, Z. S. Stanojević-Šimšić, **S. B. Dimitrijević**, V. T. Conić, M. M. Šteharnik, Review of toxity of indium compounds, 45th International October Conference on Mining and Metallurgy, Bor Lake, Serbia, 2013, pp. 588-591
- 45. B. Trumić, A. Ivanović, S. Marjanović, L. Gomindželović, V. Krstić, **S. Dimitrijević**, V. Marjanović, Pt-Pd system: Investigation of mechanical properties, 45th International October Conference on Mining and Metallurgy, Bor Lake, Serbia, 2013, pp. 491-494
- 46. Z. Stanojević Šimšić, S. Dragulović, V. Conić, **S. Dimitrijević**, Z. Ljubomirović, M. Gorgievski, D. Božić, Indium recycling from waste products in the world, 3nd International Symposium on Environmental and Material Flow Management; Environmental Campus Birkenfeld Germany, 27th 29th June 2013
- 47. **S. Dimitrijević**, M. Rajčić Vujasinović, S. Alagić, S. Pavlović, B. Stanković, N. Kotur, An "in vitro" investigation of the gold complex based on mercaptotriazole toxicity, XXII Ecologocal truth, Ecolst'14, 2014, pp. 105-110
- 48. **S. B. Dimitrijević**, M. M. Rajčić-Vujasinović, R. M. Jančić-Hajneman, J. B. Bajat, D. D. Trifunović, N. S. Vuković, V. K. Trujić, Comparative characterization of electrochemicaly deposited gold decorative coatings, 18th International Research/Expert Conference "Trends in the Development of Machinery and Associated Technology" TMT 2014, Budapest, Hungary, 10-12 September 2014, pp. 125-128
- 49. **S. Dimitrijević**, V.Trujić, Ž. Kamberović, M. Korać, B. Trumić, R. Marković, M. Šteharnik, Characterisation of hard metals and mixture of oxides obtained in recycling process of raw materials, The 46th IOC Mining and Metallurgy, 1–4 october 2014, Bor Lake, Serbia, pp. 402-405 50. V. Conić, Z.denka Stanojević Šimšić, S. Dragulović, **S. Dimitrijević**, D. Stanković, B. Pešovski, D. Simonović, Precious metals cyanide leaching from bioleach residue, The 46th IOC Mining and Metallurgy, 1–4 october 2014, Bor Lake, Serbia pp. 204–208