



**UNION OF ENGINEERS AND TEXTILE TECHNICIANS OF
SERBIA**

AND

**UNION OF ENGINEERS AND TECHNICIANS OF SERBIA
FACULTY OF TECHNOLOGY AND METALLURGY IN BELGRADE
FACULTY OF TECHNOLOGY, SHTIP, NORTH MACEDONIA
SOCIETY FOR ROBOTICS OF BOSNIA I HERZEGOVINA
BASTE - BALKAN SOCIETY OF TEXTILE ENGINEERING, GREECE**

**VI INTERNATIONAL SCIENTIFIC CONFERENCE
CONTEMPORARY TRENDS INNOVATIONS IN THE
TEXTILE INDUSTRY**



FINAL PROGRAM

Belgrade, 14-15th September, 2023
Union of Engineers and Technicians of Serbia,
Dom inženjera “Nikola Tesla”, Kneza Miloša 9/III, Beograd



**Conference is financially supported by The Ministry
of Science, Technological Development and Innovation
of the Republic of Serbia**



UNION OF ENGINEERS AND TEXTILE TECHNICIANS OF SERBIA

COORGANIZERS



УНИВЕРЗИТЕТ
„ГОЦЕ ДЕЛЧЕВ“
ШТИП

Технолошко-технички
факултет



BALKAN
SOCIETY of
TEXTILE
ENGINEERS

FRIENDS





UNION OF ENGINEERS AND TEXTILE TECHNICIANS OF SERBIA

SCIENTIFIC COMMITTEE

Prof. dr Snežana UROŠEVIĆ (Serbia) - president
Prof. dr Igor MARIĆ (Serbia) - vice president
Prof. dr Mirjana KOSTIĆ (Serbia) - vice president
Prof. dr Dušan TRAJKOVIĆ (Serbia) - vice president
Prof. dr Koviljka ASANOVIĆ (Serbia)
Prof. dr Gordana KOKEZA (Serbia)
Prof. dr Milovan VUKOVIĆ (Serbia)
Prof. dr Jovan STEPANOVIĆ (Serbia)
Prof. dr Nemanja KAŠIKOVIĆ (Serbia)
Prof. dr Snežana STANKOVIĆ (Serbia)
Prof. dr Ivana MLADENOVIĆ RANISAVLJEVIĆ (Serbia)
Doc. dr Nenad ĆIRKOVIĆ (Serbia)
Doc. dr Ineta NEMEŠA (Serbia)
Dr Ana JELIĆ AKSENTIJEVIĆ (Serbia)
Dr Gordana ČOLOVIĆ (Serbia)
Dr Danijela PAUNOVIĆ (Serbia)
Dr Mirjana RELJIĆ (Serbia)
Dr Kosana VIĆENTIJEVIĆ (Serbia)
Prof. dr Vineta SREBRENKOSKA (North of Macedonia)
Prof. dr Isak KARABEGOVIĆ (Bosnia and Herzegovina)
Prof. dr Gizem KARAKAN GÜNAYDIN (Turkey)
Prof. dr Liliانا INDRIE (Romania)
Prof. dr Goran DEMBOSKI (North of Macedonia)
Prof. dr Liliانا INDRIE (Romania)
Prof. dr Sabina GHERGHEL (Romania)
Prof. dr Dragana GRUJIĆ (Bosna i Herzegovina)
Prof. dr Bruno ZAVRŠNIK (Slovenia)
Prof. dr Savvas VASSILIADIS (Greece)
Prof. dr Petra FORTE TAVČER (Slovenia)
Prof. dr Emilija TOSHIKI (North of Macedonia)
Prof. dr Özlenen ERDEM İŞMAL, (Turkey)
Prof. dr Zlatina KAZLAČEVA (Bulgaria)
Prof. dr Zoran STJEPANOVIĆ (Slovenia)
Prof. dr Svjetlana JANJIĆ (Bosnia and Herzegovina)
Prof. dr Damjana CELCAR (Slovenia)
Prof. dr Maja JANKOSKA (North of Macedonia)
Prof. dr Nuno BELINO (Portugal)
Prof. dr Victoria VLASENKO (Ukraine)
Prof. dr Muhammet UZUN (Turkey)
Prof. dr Andreja RUDOLF (Slovenia)
Prof. dr Tatjana SPAHIU (Albania)
Prof. dr Boris MAHLTIG (Germany)
Doc. dr Sanja RISTESKI (North of Macedonia)
Dr Emilia VASILEANU (Romania)
Dr Roshan PAUL (India)
Dr Anna Mokina (Russia)

ORGANIZING COMMITTEE

Prof. dr Snežana UROŠEVIĆ - president
Dr Gordana ČOLOVIĆ - vice president, **Dr Danijela PAUNOVIĆ** - vice president,
Dr Ana AKSENTIJEVIĆ JELIĆ - vice president
Doc. Dr Violeta STEFANOVIĆ, **Doc. dr Dragan DIMITRJEVIĆ**
Dr Olga STOJANOVIĆ, **Dr Andrea DOBROSAVLJEVIĆ**, **Dr Njegoš DRAGOVIĆ**
M.Sc Stanko KIŠ dip. ing, **M.Sc Bojana PEJČIĆ**, **M.Sc Mina PAUNOVIĆ**,
M.Sc Nikola MAKSIMOVIĆ, **M.Sc Marina JOVANOVIĆ**



**UNION OF ENGINEERS AND TEXTILE
TECHNICIANS OF SERBIA**

FINAL PROGRAM

THURSDAY, 14.09.2023.

15⁰⁰ - 17⁰⁰ Registration of participants

FRIDAY, 15.09.2023.

9⁰⁰ - 10⁰⁰ Reception of guests and registration of participants

10⁰⁰ – 10¹⁵ Opening ceremony

10¹⁵ – 12⁰⁰ Plenary lectures

12⁰⁰ - 13⁰⁰ Cocktail

13⁰⁰ – 14⁴⁵ Session I

14⁴⁵- 15⁰⁰ Coffee break

15⁰⁰ – 16⁴⁵ Session II

16⁴⁵ – 17⁰⁰ Coffee break

17⁰⁰ – 18⁰⁰ Poster session III

18⁰⁰ Closing ceremony

Poster electronic session - published on the website of the Union of Engineers and Technicians of Serbia <https://www.sits.org.rs/textview.php?file=813.html>



LIST OF PRESENTATIONS

PLENARY LECTURES 10¹⁵- 12³⁰ h

Chair Person: Prof. dr Emilija Toshikj, Prof. dr Gordana Kokeza, Prof. dr Prof. Gizem Karakan Günaydn

1. CONTRIBUTION TO THE CIRCULAR ECONOMY THROUGH THE UTILIZATION OF FIBROUS TEXTILE WASTE AS BIOSORBENTS FOR WATER PURIFICATION

Marija Vukčević², Biljana Pejić^{1,2}, Marina Maletić, Katarina Trivunac, Mirjana Kostić⁴

¹University of Belgrade, Faculty of Technology and Metallurgy, Belgrade, Serbia

²Academy of Technical and Art Applied Studies, Department of Design, Technology and Management in textile industry, Belgrade, Serbia

³Innovation Center of Faculty of Technology and Metallurgy

2. TEXTILE REINFORCED CONCRETE

Radomir Folic¹, Damir Zenunovic²

¹University of Novi Sad, Faculty of Technical Sciences, Serbia

²University of Tuzla, Bosnia and Herzegovina

3. DIGITAL VERSUS REAL DRAPING OF TEXTILES

Andreja Rudolf¹, Zoran Stjepanović¹, Tadeja Penko¹

¹University of Maribor, Faculty of Mechanical Engineering, Institute of Engineering Materials and Design, Slovenia

4. ENZYMATIC TREATMENT OF DYED COTTON KNITTED FABRIC WITH REUSED TEXTILE WASTEWATER

Iva Ćuric¹, Doris Curiš¹, Leonarda Bambić¹, Davor Dolar¹

¹University of Zagreb Faculty of Chemical Engineering and Technology, Croatia

5. THE MAIN CHARACTERISTICS OF SMART SEWING MACHINES

Ineta Nemeša¹, Marija Pešić²

¹Technical faculty "Mihajlo Pupin", University of Novi Sad, Zrenjanin, Serbia

6. SUSTAINABILITY REPORTING IN THE TEXTILE INDUSTRY

Kosana Vićentijević¹

¹Western Serbia academy of applied studies – Valjevo Department, Valjevo, Republic of Serbia



SESSION I 13⁰⁰-14⁴⁵ h

Chair Person: Prof. Mirjana Kostić, Prof. dr Davor Dolar, Dr Danijela Paunović,
Prof. dr Andreja Rudolf

7. EVALUATION OF YARN PROPERTIES PRODUCED FROM MECHANICAL COMPACT AND CONVENTIONAL RING SPINNING SYSTEMS

Irem Çelik¹, Gizem Karakan Günavdın²

¹Uğurlular Tekstil .San. ve Tic. A.Ş. , Organiza Sanayi Bölgesi, Denizli, Türkiye

²Pamukkale University, Buldan Vocational School, Fashion and Design Programme, Denizli, Türkiye

8. PROSPECTS OF FUNCTIONAL TEXTILE PRODUCTS FOR REHABILITATION AFTER LIMB AMPUTATION

Liudmyla Melnyk¹, Olena Kyzymchuk^{1,2}

¹Kyiv National University of Technologies and Design, Ukraine

²Technische Universität Dresden, Dresden, Germany

9. DEMATEL METHOD FROM MULTI-CRITERIA DECISION MAKING METHODS AND EXAMPLES IN TEXTILE FIELD

Mehmet Çağlayan¹, Banu Hatice Gürcüm²

¹Istanbul Kültür University Vocational School, İstanbul/Bakırköy

²Ankara Hacı Bayram University Faculty of Arts And Design, Ankara/Gölbasi, Tyrke

10. SLIPPER-SOLE COMPUTATIONAL DESIGN: A CUSTOMER-BASED APPROACH

Lazaros Firtikiadis¹, Prodromos Minaoglou¹, Nikolaos Efkolidis¹, Panagiotis Kyratsis¹

¹University of Western Macedonia, Kila Kozani, Greece

11. PCL BASED NANOFIBROUS WOUND DRESSING DESIGN

Hülya Kesici Güler¹, Funda Cengiz Çallioğlu¹

¹Süleyman Demirel University, Çünür, Isparta, Türkiye

12. DEVELOPMENT OF NEW TEXTILE APPLICATIONS USING NETTLE FIBRE

Ana Santiago¹, Cláudia Pinheiro¹, Nuno Belino¹

¹University of Beira Interior (UBI), Faculty of Engineering, Department of Science and Textile Technology, Convento de Santo António, Covilhã, Portugal

13. THE INFLUENCE OF LONG-TERM AGING ON THE PROPERTIES OF TEMPO OXIDIZED COTTON

Matea Korica¹, Mirjana Kostić²

¹University of Belgrade, Innovation Center of Faculty of Technology and Metallurgy, Serbia

²University of Belgrade, Faculty of Technology and Metallurgy, Belgrade, Serbia



UNION OF ENGINEERS AND TEXTILE TECHNICIANS OF SERBIA

14. THE UTILIZATION OF WASTE TEXTILE MATERIALS IN THE PACKAGING PRODUCTION

Teodora Gvoka¹, Gojko Vladić¹, Nemanja Kašiković¹, Katarina Maričić¹, Gordana Bošnjaković¹, Savka Adamović¹

¹University of Novi Sad, Faculty of Technical Sciences, Department of Graphic Engineering and Design, Novi Sad, Serbia

15. APPLICATION OF SELF-ADHESIVE POLYETHYLENE FOAM (PE) AS A SUBSTRATE OR PROTECTION FOR CONDUCTORS

Dušan Nešić¹

¹ICTM-Centre of Microelectronic Technologies, University of Belgrade

16. ORGANIC DYES ADSORPTION ON CARBON ADSORBENTS DERIVED FROM WASTE COTTON AND COTTON/POLYESTER YARN

Marina Maletić¹, Marija Vukčević^{2*}, Biljana Pejić^{2,3}, Mirjana Kostić², Aleksandra Perić Grujić²

¹Innovation Center of Faculty of Technology and Metallurgy, Belgrade

²University of Belgrade, Faculty of Technology and Metallurgy, Belgrade

³Academy of Technical and Art Applied Studies Belgrade, Department of Textile for Design, Technology and Management, Belgrade

17. POSSIBILITIES OF APPLICATION OF THE GREEN ECONOMY CONCEPT IN THE BUSINESS OF THE TEXTILE INDUSTRY

Gordana Kokeza¹, Sonja Josipović¹, Snežana Urošević²

¹Belgrade University, Faculty of Technology and Metallurgy,

³Belgrade University, Technical Faculty in Bor, Bor, Serbia

18. DUAL MODEL OF TRAINING TEXTILE ENGINEERS FOR THE NEEDS OF THE 4.0 INDUSTRY

Vasilije Petrović^{1*}, Dragan Djordjić², Samir Pačavar³, Anita Milosavljević⁴, Predrag Pecev⁵, Marija Petrović⁶

^{1,4}University of Novi Sad, Technical Faculty "Mihajlo Pupin", Zrenjanin, Serbia

^{2,3,6}University of Travnik, Faculty of Technical Studies, Travnik, Bosnia and Herzegovina

⁵Preschool Teacher Training and Business Informatics College of Applied Studies "Sirmium", Sremska Mitrovica

SESSION II 15⁰⁰-16⁴⁵ h

**Chair Person: Prof. dr Ivana Mladenović Ranisavljević, Dr Adela Medović Baralić,
Doc. dr Violeta Stefanović, Dr Njegoš Dragović**

19. EFFECT OF PHASE RATIO ON CORE - SHEATH COMPOSITE NANOFIBERS MORPHOLOGY

Hülya KESİCİ GÜLER¹, Funda CENGİZ ÇALLIOĞLU¹

¹Süleyman Demirel University, Çünür, Isparta, Türkiye



UNION OF ENGINEERS AND TEXTILE TECHNICIANS OF SERBIA

20. DEVELOPMENT OF BIODEGRADABLE FILAMENTS WITH NATURAL ESSENTIAL OILS INCORPORATED

Pinheiro Cláudia¹, Belino Nuno¹, Paul Roshan²

¹University of Beira Interior, Faculty of Engineering, Department of Textile Science and Technologies, Covilhã, Portugal,

²University of Beira Interior, Faculty of Engineering, Department of Textile Science and Technologies, Covilhã, Portugal,

³Indo-German Science and Technology Centre, New Delhi, India

21. SUSTAINABILITY IN FASHION – MODULAR CLOTHING INSPIRED BY THE NATIONAL COSTUMES OF DISTANT NATIONS

Miličić Ljiljana¹, Mina Paunović²

¹Metropolitan University, Faculty of Digital Arts, Belgrade

²ATUSS, Department of the High Textile Vocational School for Design, Technology and Management, Belgrade

22. ANALYSIS OF MECHANICAL CHARACTERISTICS AND WATER VAPOR PERMEABILITY OF FABRICS USED FOR MAKING THE LINING OF GARMENTS

Dordić Dragan¹, Petrović Vasilije², Samir Pačavar¹, Enis Kolić¹, Anita Milosavljević²

¹Faculty of Technical Studies, University of Travnik, Bosnia and Herzegovina

²Technical Faculty "Mihajlo Pupin", University of Novi Sad

23. THE INFLUENCE OF SOCIAL MEDIA ON PROMOTIONAL ACTIVITIES OF CLOTHING PRODUCERS

Marija Petrović¹, Samir Pačavar², Vasilije Petrović^{3*}, Dragan Đordić⁴, Anita Milosavljević⁵, Predrag Pecev⁶

^{1,2,4}University of Travnik, Faculty of Technical Studies, Travnik, Bosnia and Herzegovina

^{3,5}University of Novi Sad, Technical Faculty "Mihajlo Pupin", Zrenjanin, Serbia)

⁶Preschool Teacher Training and Business Informatics College of Applied Studies "Sirmium", Sremska Mitrovica

24. FOOTWEAR PRODUCTS AND THE ROLE OF INDUSTRY 4.0 FOR SUSTAINABLE PRODUCTION

Tatjana Spahiu¹, Andrea Ehrmann², Henrique Almeida³, Antonio Jimeno-Morenilla⁴, Panagiotis Kyratsis⁵

¹Polytechnic University of Tirana Faculty of Mechanical Engineering, Tirana, Albania

²Bielefeld University of Applied Sciences and Arts, Faculty of Engineering and Mathematics, Bielefeld, Germany

³Polytechnic Institute of Leiria School of Technology and Management, Polytechnic Institute of Leiria, Leiria, Portugal

⁴University of Alicante, Department of Computer Technology, Carretera de San Vicente s/n, San Vicente del Raspeig, Alicante, Spain

⁵University of Western Macedonia, KilaKozani, Department of Product and Systems Design Engineering, Greece



UNION OF ENGINEERS AND TEXTILE TECHNICIANS OF SERBIA

25. AN INVESTIGATION OF 3D PRINTING ON TULLE TEXTILE CHANGING THE PLATFORM LEVELLING

Dimitrios Chaidas¹, Tatjana Spahiu², John Kechagias¹

¹Forestry, Wood Science and Design Department, University of Thessaly, Karditsa, Greece

²Department of Textile and Fashion, Polytechnic University of Tirana, Albania

26. MODERN ECOTEXTILE IN FASHION AND INTERIOR

Mokina Anna Y.¹, Ulme Andra²

¹The Southern Federal University, Russia, Rostov-on-Don

²The Riga technical University, Latvia, Riga

27. FROM NATURE TO FASHION – DIGITALIZED ELEMENTS AS INSPIRATION FOR PERSONALIZED CLOTHING AND ACCESSORIES

Julieta Ilieva¹, Mariya Koleva¹

¹Trakia University, Faculty of Technics and Technologies, Yambol, Bulgaria,

28. COLOUR MATCHING OF TEXTILES USING DEEP LEARNING CONVOLUTIONAL NEURAL NETWORKS

Subrata Das¹, Amitabh Wahi², Nivetha sharathi. S¹

¹Department of Fashion Technology, Bannari Amman Institute of Technology, Tamil Nadu, India

²Department of Computer Science & Engineering, Bhagwant University, Ajmer, India

SESSION III Poster 17-18 h

**Chair Person: Dr Koviljka Asanović, Dr Gordana Čolović, Dr Kosana Vićentijević,
Dr Olga Stojanović**

29. UNCONVENTIONAL YARN STRUCTURE

Emilija Toshiki¹

¹Ss. Cyril and Methodius University in Skopje, Faculty of Technology and Metallurgy, Department of Textile Engineering, Skopje, Republic of North Macedonia

30. ACOUSTIC TEXTILES FOR INTERIOR

Damjana Celcar¹, Tanja Pilar^{1,2}

¹Faculty of Design, Ljubljana, Slovenia

²Maori d.o.o., Ljubljana, Slovenia

31. CHEMICAL CATIONIZATION OF COTTON FABRIC FOR IMPROVED ABSORPTION OF DIRECT DYES

Ivanka Ristić^{1*}, Aleksandra Mičić¹, Nebojša Ristić¹

¹Academy of Professional studies South Serbia, Department of Technology and Art studies, Leskovac, Serbia

32. APPLICATION OF FUTURISTIC DESIGN IN WOMEN'S CLOTHING MODELING

Maja Jankoska¹, Ruzica Stevkovska-Stojanovska¹

¹University "Ss. Cyril and Methodius" in Skopje, Faculty of Technology and Metallurgy, Department of Textile Engineering, North Macedonia



UNION OF ENGINEERS AND TEXTILE TECHNICIANS OF SERBIA

33. THE INFLUENCE OF TENSILE FORCE ON THE MORPHOLOGICAL CHARACTERISTICS OF TEXTURED POLYESTER MULTIFILAMENT YARNS

Jovana Stepanović¹, Tatjana Šarac¹, Nataša Stamenković¹, Nenad Ćirković¹, Dušan Trajković¹, Jovan Stepanović¹

¹University of Nis, Faculty of Technology, Leskovac, Serbia

34. INFLUENCE OF PILLING ON THE STRUCTURAL CHARACTERISTICS OF FLAX PLAIN WEFT-KNITTED FABRICS

Koviljka Asanović¹, Nadiia Bukhonka², Tatjana Mihailović¹, Isidora Cvijetić¹, Mirjana Reljić³, Mirjana Kostić¹

¹University of Belgrade, Faculty of Technology and Metallurgy, Belgrade, Serbia

²University of Novi Sad, Technical faculty "Mihajlo Pupin" Zrenjanin, Serbia

³CIS Institute, Belgrade, Serbia

35. UTILIZING VACUUM BAGGING PROCESS TO PREPARE CARBON/EPOXY COMPOSITE LAMINATES

Marija Stoicovska¹, Frosina Vielickova¹, Sara Srebrenkoska², Svetlana Risteska³, Sanja Risteski¹, Vineta Srebrenkoska^{1*}

¹Faculty of Technology, Goce Delcev University Stip, North Macedonia

²Faculty of Mechanical Engineering, Goce Delcev University Stip, North Macedonia

³Institute for Advanced Composites and Robotics, Prilep, North Macedonia

36. ANALYSIS OF THE CONVEYOR BELT TENSILE PROPERTIES

Nikola Ilanković^{1*}, Dragan Živanić¹, Mirko Katona¹

¹University of Novi Sad, Faculty of Technical Sciences, Serbia

37. CHITOSAN-BASED DIFFERENTLY OXIDIZED COTTON YARNS ANALYZED BY FTIR-ATR

Emilija Toshikj^{1*}, Igor Jordanov¹

¹"Ss. Cyril and Methodius" University in Skopje, Faculty of Technology and Metallurgy,

Department of Textile Engineering, Skopje, Republic of North Macedonia

38. E-BUSINESS IMPLEMENTATION TRENDS IN SMALL AND MEDIUM-SIZED ENTERPRISES OF THE TEXTILE AND CLOTHING INDUSTRY

Dragan Dimitrijević¹, Natalija Dimitrijević², Jasmina Gligorijević¹

¹Faculty of Applied Sciences in Nis, University "Union Nikola Tesla" Belgrade

²Better Collective – Nis, Serbia

39. THE IMPORTANCE OF INFLUENCER MARKETING IN FASHION CLOTHING BRANDS

Bruno Završnik¹

¹University of Maribor, Faculty of Economics and Business, Maribor, Slovenia

40. DECREASING POLLUTION IN TEXTILE INDUSTRY WITH RECYCLED AND NEW MATERIALS

Njegoš Dragović¹, Snežana Urošević¹, Milovan Vuković¹, Dragoljub Đorđević², Zoran Stević¹

¹University of Belgrade, Technical Faculty in Bor, Bor, Serbia

²University in Niš, Faculty of Mechanical Engineering, Niš, Serbia



UNION OF ENGINEERS AND TEXTILE TECHNICIANS OF SERBIA

41. ECOLOGICAL PROCEDURES AND TECHNOLOGIES IN THE TEXTILE INDUSTRY

Biljana Popović¹, Adela Medović Baralić¹, Tijana Adžić¹, Ljiljana Sretković¹

¹Academy of Technical and Art Applied Studies Belgrade, Department of Textile School for Design, Technology and Management, Bečgrade, Serbia

42. APPLICATION OF ERGONOMIC STANDARDS TO INCREASE SAFETY AND HEALTH IN THE GARMENT INDUSTRY

Gordana Čolović^{1,2}, Nikola Maksimović¹, Aleksandar Marković³

¹Academy of Technical and Art Applied Studies Belgrade, Department of Textile School for Design, Technology and Management, Belgrade, Serbia

²SE-ERGO, Belgrade, Serbia

³Greiner

43. IMPLEMENTATION OF THE 5S METHOD IN OPTIMIZING THE WORKPLACE - A TEXTILE TESTING LAB

Ivana Mladenović-Ranisavljević¹, Violeta Stefanović², Aleksandar Savić³, Snežana Urošević⁴, Milovan Vuković⁴

¹University of Niš, Faculty of Technology, Leskovac, Serbia

²University "Union-Nikola Tesla" Belgrade, Faculty of Information Technologies and Engineering, Serbia

³University of Belgrade, Faculty of Civil Engineering, Serbia

⁴University of Belgrade, Technical faculty in Bor, Serbia

44. WORKPLACE INNOVATION

Gordana Čolović^{1,2}, Danijela Paunović¹, Nikola Maksimović¹, Mina Paunović¹

Academy of Technical and Art Applied Studies Belgrade, Department of Textile School for Design, Technology and Management, Belgrade, Serbia

²SE-ERGO, Belgrade, Serbia

45. DETERMINING THE OPTIMUM SERIES SIZES FOR PRODUCTION IN THE CLOTHING INDUSTRY

Olga Stojanović¹, Kristina Savić¹, Marija Savić Pojužina¹, Jelica Simeunović²

¹Academy of Technical and Art Applied Studies Belgrade, Department of Textile School for Design, Technology and Management, Belgrade, Serbia

²KTR Jee seetex, Belgrade, Serbia

46. FEMALE SHOPPING BEHAVIOR TOWARDS FASHION HANDBAGS

Bruno Završnik¹

¹University of Maribor, Faculty of Economics and Business, Maribor, Slovenia

47. BUSINESS PROCESS ORIENTATION AS A BASE FOR ORGANIZATIONAL DEVELOPMENT OF TEXTILE INDUSTRY SMEs

Andrea Dobrosavljević¹, Snežana Urošević², Đorđe Nikolić²

¹OSPIN GmbH, Berlin, Germany

²Technical Faculty in Bor, University of Belgrade, Bor, Serbia

48. FASHION IN SPAIN AS AN INSPIRATION FOR DESIGN AND CONSTRUCTION OF CONTEMPORARY CHILDREN'S CLOTHING

Sanja Risteski¹, Silvana Zhezhova¹, Saska Golomeova Longurova¹, Sonja Jordeva¹

¹University "Goce Delčev", Štip, Faculty of Technology, North Macedonia



UNION OF ENGINEERS AND TEXTILE TECHNICIANS OF SERBIA

49. ART OF THE 20TH CENTURY AS INSPIRATION IN FASHION DESIGN

Dragana Frfulanović¹, Milena Savić²

¹Academy of Vocational Studies South Serbia, Department of Technological and Artistic Studies, Leskovac

50. WOMEN IN THE FUNCTION OF ORGANIZATIONAL COMMITMENT IN THE MANUFACTURE OF PIROT RUGS

Marina Jovanović¹

¹PPT-TMO" AD, Trstenik, Serbia

51. MODELING OF WOMEN'S PANTS INSPIRED BY 60s AND 70s

Maja Jankoska¹, Ruzica Stevkovska-Stojanovska¹

¹University "Ss. Cyril and Methodius" in Skopje, Faculty of Technology and Metallurgy, Department of Textile Engineering, North Macedonia

52. DEVELOPMENT TENDENCIES OF UNIFORMS FOR POLICE OFFICERS ON MOTORCYCLES

Kristina Savić¹, Olga Stojanović¹, Marija Savić Pojužina¹, Jelica Simeunović²

¹Academy of Technical and Art Applied Studies Belgrade, Department of Textile School for Design, Technology and Management, Belgrade, Serbia

²KTR Jee seetex, Belgrade, Serbia

53. FINAL CONTROL OF MEN'S SHIRTS

Silvana Zhezhova¹, Sonja Jordeva¹, Sashka Golomeova Longurova¹, Sanja Risteski¹, Vanga Dimitrijeva Kuzmanoska¹

¹Faculty of Technology, University „Goce Delchev“, Štip, Republic of North Macedonia

54. NEW TRENDS IN THE TEXTILE INDUSTRY

Adela Medović Baralić¹, Biljana Popović¹, Ana Krkobabić¹, Ljiljana Sretković¹

¹Academy of Technical and Art Applied Studies Belgrade, Department of Textile School for Design, Technology and Management, Belgrade, Serbia

55. OPTICAL PROPERTIES OF MODIFIED FABRICS INTENDED FOR PROTECTION AGAINST UV RADIATION

Svitlana Arabuli^{1*}, Anastasiia Truba¹, Arsenii Arabuli¹, Liudmyla Hanushchak-Yefimenko¹

¹Kyiv National University of Technologies and Design, Kyiv, Ukraine