

Papers accepted for publication in the Book of Proceedings TSE 2020

A - HIGH PERFORMANCE FIBRES, YARNS AND 3D COMPOSITES		
1.	Antoneta TOMLJENVIĆ; Zlatko VRLJIČAK; Juro ŽIVIČNJAK; Mateja VLAINIĆ & Ivana BONIĆ	EVALUATION OF USAGE QUALITY OF WEFT KNITTED FABRICS MADE OF VISCOSE FIBRES
2.	Ivana SALOPEK ČUBRIĆ & Antonija PETROV	THE INFLUENCE OF AGING ON TENSILE PROPERTIES OF KNOTTED YARNS
3.	Ivana SALOPEK ČUBRIĆ & Martina CVETKO	CHARACTERIZATION OF YARNS USED TO MAINTAIN DENTAL HEALTH
D - ADVANCED TECHNOLOGIES AND PROCESSES – APPLICATION IN TEXTILES, CLOTHING, LEATHER AND FOOTWEAR PRODUCTION		
4.	Suzana ĐORĐEVIĆ; Dragan ĐORĐEVIĆ; Stana KOVAČEVIĆ & Ivana SCHWARZ	SYNTHETIZED CORN STARCH - ENVIRONMENTALLY ACCEPTABLE FOR COTTON WARP SIZING
5.	Sanja ERCEGOVIĆ RAŽIĆ; Jadranka AKALOVIĆ; Tomislav IVANKOVIĆ; Jelena PERAN; & Katarina IŠTEF	PLASMA PRE-TREATMENTS IMPROVES ANTIMICROBIAL PROPERTIES OF BOVINE CLEAVED LEATHER
E - MEDICAL AND PROTECTIVE TEXTILES, CLOTHING AND FOOTWEAR		
6.	Uwe REISCHL, Budimir MIJOVIĆ	CHANGES IN FABRIC ELASTICITY IN RESPONSE TO STERILIZATION WITH OZONE

F - ADVANCED PROCESSES OF FINISHING, CARE, DYEING AND PRINTING OF TEXTILES AND LEATHER		
7.	Anita TARBUK; Dragan ĐORĐEVIĆ; Sandra FLINČEC GRGAC; Marija KODRIĆ, Eva Magovac & Ivana ČORAK	THE INFLUENCE OF LIPASE SURFACE MODIFICATION TO POLYESTER CRYSTALLINITY AND ABSORBILITY
8.	Ivana ČORAK; Tihana DEKANIĆ; Petra KAŠAJ & Anita TARBUK	THE OPTIMIZATION OF DI(CYANSTYRYL) DERIVATIVE APPLICATION TO POLYESTER FABRIC AND ITS BLEND
9.	Dragan ĐORĐEVIĆ; Anita TARBUK; Marija, KODRIĆ; Radica NIČIĆ; Nenad ĆIRKOVIĆ & Nemanja VUČKOVIĆ	BIOPROCESSING OF POLYESTER KNITWEAR BY PAPAIN ENZYMES
10.	Sandra FLINČEC GRGAC; Tea-Dora BIRUŠ; Anita TARBUK; Rajna MALINAR & Zbigniew DRACZYŃSKI	THE INFLUENCE OF MALEIC ACID CONCENTRATION ON THE BINDING OF CHITOSAN WITH COTTON CELLULOSE
11.	Tanja PUŠIĆ; Bosiljka ŠARAVANJA; Krešimir MALARIĆ & Silvia BEŠLIĆ	IMPACT OF WET TREATMENTS ON SHIELD EFFECTIVENESS OF NICKEL/COPPER COATED FABRIC
G - ANALYSIS AND METHODS OF MEASUREMENT IN TEXTILES, CLOTHING AND FOOTWEAR		
12.	Iva REZIĆ; Lela PINTARIĆ; Mislav MAJDAK & Maja SOMOGYI ŠKOC	THIN LAYER CHROMATROGRAPHICAL DETERMINATION OF ANTIBACTERIAL COMPONENTS ON BIODEGRADABLE POLYMERS
13.	Željko PENAVAL; Diana ŠIMIĆ PENAVAL & Maja BANIČEK	PREDICTION OF BOUNDARY ELONGATION FORCE OF FABRIC IN ELASTIC AREA BY LETHERSICH'S RHEOLOGICAL MODEL
14.	Željko PENAVAL; Diana ŠIMIĆ PENAVAL & Tea JOVANOVIĆ	COMPARISON OF ANISOTROPIC PROPERTIES OF WOVEN FABRICS AND KNITTED FABRICS SUBJECTED TO TENSILE

		LOAD
H - THERMOPHYSIOLOGICAL PROPERTIES AND COMFORT OF TEXTILES, CLOTHING AND FOOTWEAR		
15.	Snežana STANKOVIĆ; Mateja BIZJAK; Dušan POPOVIĆ & Goran POPARIĆ	POTENTIAL OF HEMP TEXTILE FABRICS IN TERMS OF COMFORT
I - TEXTILE DESIGN, FASHION AND FUNCTIONAL CLOTHING DESIGN, FOOTWEAR AND ACCESSORIES DESIGN		
16.	Irena ŠABARIĆ; Franka KARIN & Doriana DUIĆ	THE REVIVAL OF GOLD THREAD EMBROIDERY IN THE CONCEPT OF SLOW FASHION
17.	Sara ŠUMANOVIĆ & Renata HRŽENJAK	CONSTRUCTION OF A MODERN WOMEN'S COSTUME INSPIRED BY MEN'S FASHION
18.	Branka TOMIĆ; Ivana SCHWARZ & Koraljka KOVAČ DUGANDŽIĆ	REFLECTING ON TRADITION THROUGH THE CREATION OF CONTEMPORARY TEXTILE OBJECT IN THE OLD-FASHIONED WAY
19.	Katarina ZMEŠKAL & Slavenka PETRAK	DESIGN AND COMPUTER PATTERN MAKING OF A COLLECTION OF INDIVIDUALIZED MEDICAL UNIFORMS
20.	Valentina FERENČAK; Tena OMEROVIĆ & Vesna Marija POTOČIĆ MATKOVIĆ	MOTIFS AND SYMBOLS OF DYNASTIC CHINA TEXTILES
21.	Emma IVANKOVIĆ; Katarina Nina SIMONČIČ; Irena ŠABARIĆ	STUDY CASE – “RECONSTRUCTION” OF MEN'S CLOTHING FROM THE SECOND HALF OF THE 16TH CENTURY
22.	Ivan MIHALJEVIĆ; Blaženka BRLOBAŠIĆ ŠAJATOVIĆ & Maja MAHNIĆ NAGLIĆ	THE INFLUENCE OF CHINESE FOLK COSTUME ON THE DESIGN OF WOMEN'S BUSINESS CLOTHING

23.	Dejla RAMIĆ; Belma GUTLIĆ	A CREATIVE CONSIDERATION OF RAINWEAR
24.	Danijela JEMO; Sandra FLINČEC GRGAC; Danijela ERAK & Agneza ŠTAJER	CHARLESTON BEADED DRESS: PRELIMINARY ANALYSIS
J - DIGITALIZATION OF TEXTILE, FASHION AND FOOTWEAR INDUSTRY		
25.	Edit CSANAK	AI FOR FASHION
26.	Elena TOMOVSKA	INFLUENCE OF SOCIAL MEDIA ON FASHION INNOVATIVENESS
27.	Anamarija GUŠA; Slavenka PETRAK & Maja MAHNIĆ NAGLIĆ	ELEMENTS OF TRADITIONAL CHINA IN COMPUTER DESIGN OF AUTHOR'S FASHION CLOTHING COLLECTION
K - ANTHROPOMETRIC BODY MEASUREMENTS – MODERN MEASUREMENT SYSTEMS AND APPLICATIONS		
28.	Darko UJEVIĆ; Blaženka BRLOBAŠIĆ ŠAJATOVIĆ, Yu BIN, Zhu FEICHAO	COMPARASION OF CROATIAN AND CHINESE CLOTHING SIZE SYSTEM WITH REFERENCE TO CHARACTERISTIC BODY PROPORTIONS
L - INNOVATIVE CLOTHING ENGINEERING – WEARABLE TECHNOLOGY, DEVICES AND ELECTRONICS		
29.	Snježana FIRŠT ROGALE, Dubravko ROGALE & Daniel ČASAR VELIČAN	E-CLOTHING FOR STAGE PERFORMANCES
M - INDUSTRY 4.0		
30.	Vasilije PETROVIC, Marija PESIC, Anita MILOSAVLJEVIC, Jovana STEPANOVIC, Marija	4.0 INDUSTRIAL REVOLUTION IN CLOTHING PRODUCTION

	PETROVIC	
31.	Ivan KATIĆ & Slavenka PETRAK	LEATHER FURNITURE CUTTING ROOM – INDUSTRY 4.0 WITH LECTRA VERSALIS
N - ECOLOGY AND SUSTAINABLE DEVELOPMENT, WASTE PROBLEMS IN THE TEXTILE AND LEATHER SECTOR		
32.	Ana Maria BOČAK; Ružica BRUNŠEK; Anita TARBUK & Ana SUTLOVIĆ	LINEN FABRIC DYED WITH FLAVONOID COMPOUNDS EXTRACTED FROM WASTE ONION SKIN
P - INNOVATIONS AND THEIR COMMERCIALIZATION IN THE ENTREPRENEURSHIP		
Q - MODERN EDUCATIONAL METHODS OF LEARNING AND TEACHING		
33.	Ivana SALOPEK ČUBRIĆ; Ines KATIĆ KRIŽMANČIĆ; Branka TOMIĆ	CREATIVE THINKING TECHNIQUES – STRATEGIES FOR SUCCESSFUL DOCTORAL RESEARCH
PHD SECTION		
A - HIGH PERFORMANCE FIBRES, YARNS AND 3D COMPOSITES		
34.	Tea JOVANOVIĆ; Željka PAVLOVIĆ; Miloš LOZO & Zlatko VRLJIČAK	KNITTING SHORT SOCKS WITH SIRO AND MODAL YARNS
B - NOVEL MATERIALS: BIOMATERIALS, NANOMATERIALS AND SMART MATERIALS		
35.	Lela MARTINAGA; Sara ČAČKO; Stella HAMILTON; Ana VRSALOVIĆ PRESEČKI & Iva REZIĆ	ENVIRONMENTALLY ACCEPTABLE SYNTHESIS OF NANOPARTICLES FOR THEIR POTENTIAL USE AS TEXTILE COATINGS
36.	Zorana KOVAČEVIĆ, Sandra BISCHOF, Mizi FAN	NANOBIOCOMPOSITES REINFORCED WITH SPANISH BROOM (SPARTIUM JUNCEUM L.) FIBRES

D - ADVANCED TECHNOLOGIES AND PROCESSES – APPLICATION IN TEXTILES, CLOTHING, LEATHER AND FOOTWEAR PRODUCTION		
37.	Snježana KIRIN & Anica HURSA ŠAJATOVIĆ	RESEARCH ON WORKLOAD IN THE TECHNOLOGICAL SEWING PROCESS USING ANSi Z 365 STANDARDS
38.	Ivana VITLOV; Ivana SCHWARZ; Stana KOVAČEVIĆ & Snježana BRNADA	PROPERTIES OF PA/COTTON YARNS ENHANCED BY THE SIZING PROCESS
E - MEDICAL AND PROTECTIVE TEXTILES, CLOTHING AND FOOTWEAR		
39.	Franka ŽUVELA BOŠNJAK; Sandra FLINČEC GRGAC & Suzana MIHANOVIĆ	APLICACION OF MICROSCALE COMBUSTION CALORIMETER TO CHARACTERIZE PROTECTIVE PROPERTIES OF BOVINE LEATHER
F - ADVANCED PROCESSES OF FINISHING, CARE, DYEING AND PRINTING OF TEXTILES AND LEATHER		
40.	Anna BEDNAROWICZ & Zbigniew DRACZYŃSKI	MODIFICATION OF CELLULOSE TEXTILE PRODUCTS WITH CROSS- LINKED AND GRAFTED GELATINE
41.	Dominik Sikorski; Zbigniew Draczyński	ASSESSMENT OF THE DEGREE OF ATTACHMENT OF ACID GROUPS TO CHITOSAN FIBERS
42.	Nina TARZYŃSKA & Zbigniew DRACZYŃSKI	IMPACT OF THE AGING PROCESS ON SODIUM ALGINATE SOLUTIONS WITH THE ADDITION OF LOW MOLECULAR WEIGHT IONIC COMPOUNDS
43.	César Israel HERNÁNDEZ VÁZQUEZ; Zbigniew DRACZYŃSKI & Grzegorz SZPARAGA	RESULTS OF CHITOSAN FIBERS FORMING BY WET SPINNING METHOD ON TO HIGH EFFICIENCY LABORATORY SET
44.	Ksenija VIŠIĆ & Tanja PUŠIĆ	THE INFLUENCE PHYSICO-CHEMICAL PROPERTIES OF ANTI-REDEPOSITION AGENTS ON THE ZETA POTENTIAL OF WASHED COTTON FABRICS

G - ANALYSIS AND METHODS OF MEASUREMENT IN TEXTILES, CLOTHING AND FOOTWEAR		
45.	Mateo Miguel KODRIČ KESOVIA & Željko PENAVALA	APPLYING IMAGE ANALYSIS FOR MEASURING THE DENSITY OF HISTORICAL TEXTILES
46.	Željka PAVLOVIĆ & Zlatko VRLJIČAK	MODERN KNITTED FABRICS FOR UNDERWEAR
47.	Kristina ŠIMIĆ; Ivo SOLJAČIĆ & Tihana PETROVIĆ LEŠ	ANALYSIS OF METAL THREADS IN THE HISTORICAL CROATIAN TEXTILE FROM 17TH TO 20TH CENTURY
48.	Katia GRGIĆ & Tanja PUŠIĆ	ADSORPTION OF CETYLPYRIDINIUM CHLORIDE ON STANDARD POLYESTER FABRIC IN THE ELECTROKINETIC ANALYZER
49.	Rajna MALINAR & Sandra FLINČEC GRGAC	TEXTILE DUST GENERATION FROM COTTON AND COTTON/POLYESTER BLEND FABRICS
H - THERMOPHYSIOLOGICAL PROPERTIES AND COMFORT OF TEXTILES, CLOTHING AND FOOTWEAR		
50.	Nikolina JUKL; Snježana FIRŠT ROGALE & Dubravko ROGALE	THERMAL PROPERTIES OF THE PROTECTIVE VEST TESTED ON A THERMAL MANIKIN IN STATIC MODE
I - TEXTILE DESIGN, FASHION AND FUNCTIONAL CLOTHING DESIGN, FOOTWEAR AND ACCESSORIES DESIGN		
51.	Ines KATIC KRIZMANCIC; Koraljka KOVAC DUGANDZIC & Martinia Ira GLOGAR	INNOVATION OF BAUHAUS TEXTILE DESIGNERS AS INPIRATION FOR CONTEMPORARY TEXTILE DESIGN
K - ANTHROPOMETRIC BODY MEASUREMENTS – MODERN MEASUREMENT SYSTEMS AND APPLICATIONS		
52.	David BOJANIĆ; Kristijan BARTOL; Tomislav PETKOVIĆ; Tomislav PRIBANIĆ	A REVIEW OF RIGID 3D REGISTRATION METHODS

53.	Maja MAHNIĆ NAGLIĆ & Slavenka PETRAK	DEVELOPMENT OF A FEMALE BODY TYPES CLASSIFICATION METHOD
54.	Marija NAKIĆ & Slavica BOGOVIĆ	DESIGNIG OF FUNCTIONAL GARMENT ITEM FOR PEOPLE WITH DISABILITIES
N - ECOLOGY AND SUSTAINABLE DEVELOPMENT, WASTE PROBLEMS IN THE TEXTILE AND LEATHER SECTOR		
55.	Anja LUDAŠ; Suzana VIDEK & Ana SUTLOVIĆ	AGRO-WASTE AND EASILY RENEWABLE PLANTS AS SOURCES FOR NATURAL SILK DYES