

List of Accepted Abstracts

A. Textile fibres and advanced materials	
Norina ASFAND; Virginija DAUKANTIENĖ & Sikander Abbas BASRA	STUDY OF THERMAL PROPERTIES OF ANTISTATIC KNITTED FABRICS
Adine GERICKE; Jiří MILITKÝ; Mohanapriya VENKATARAMAN; Jana VERMAAS & Hester STEYN	THE EFFECT OF MASK STYLE AND FABRIC SELECTION ON THE COMFORT PROPERTIES OF FABRIC MASKS
Selestina GORGIEVA & Liliana VERESTIUC	GELATIN ENABLED (BIO)TEXTILES FOR MEDICAL APPLICATIONS
Ginta LAURECKIENĖ; Md. Reazuddin REPON & Daiva MIKUČIONIENĖ	HEAT GENERATION IN ELECTROCONDUCTIVE TEXTILE COMPOSITES
Thomas LUXBACHER	FROM WOOD TO REGENERATED CELLULOSE FIBERS – A MATERIAL TRANSITION ACCOMPANIED BY THE ZETA POTENTIAL
Muhammad Saif MAQSOOD; Pascal SOUS; Eui-young SHIN; Andreas WEGO & Jochen S. GUTMANN	DEVELOPMENT OF THREE DIMENSIONAL FREE STANDING CARBON NANOFIBER CATHODE FOR THE LITHIUM - SULFUR (LiS) BATTERIES
Jiří MILITKÝ; Vijay BAHETI; Wang YUANFENG & Daniel KARTHIK	UTILIZATION OF FIBROUS WASTE FOR THE PREPARATION OF ADVANCED CARBON MATERIALS
Loukia MINETOU; Emmanuela SFYROERA; Abraam CHATZOPOULOS & George PRINIOTAKIS	PLAY, ENGAGE, COMMUNICATE: SMART TEXTILES AS INTERIOR DESIGN COMMUNICATION AID FOR DEMENTIA CARE HOMES
K.Z.M. Abdul MOTALEB & Rimvydas MILASIUŠ	INFLUENCE OF GAMMA RADIATION ON NATURAL FABRIC REINFORCED POLYESTER COMPOSITES: STUDIES ON MECHANICAL PROPERTIES
Alenka OJSTRŠEK; Gabrijela PETEK; Nataša POKLAR ULRIH; Drago KOČAR; Mitja KOLAR; Beste ELVEREN & Manja KUREČIČ	DEVELOPMENT OF BIO-ACTIVE NANOFIBROUS NONWOVEN USING EMULSION ELECTROSPINNING
Julija PETKEVIČIŪTĖ; Audronė SANKAUSKAITĖ; Vitalija RUBEŽIENĖ; Paulius RAGULIS & Aušra ABRAITIENĖ	STRUCTURAL PARAMETERS OF FABRIC AFFECTING PERFORMANCE OF ELECTROMAGNETIC SHIELDING TEXTILE WITH CONDUCTIVE COATING

Alaa SALMA; Frank GRÜNING; Sophia DIRCKS; Andrea BÖFGERS; Christine KUBE; Jochen TÜRK; Jochen S. GUTMANN & Thomas MAYER-GALL	FUNCTIONAL ADSORBER FIBERS FOR THE MICROPOLLUTANTS TREATMENT
Eui-young SHIN; Muhammad Saif MAQSOOD; Wael ALI; Andreas WEGO & Jochen S. GUTMANN	TEXTILE SUPERCAPACITORS BASED ON CARBON NANOFIBERS (CNFs) FROM POLYACRYLONIRILE (PAN) PRECURSORS AS ENERGY STORAGE DEVICE
Sharof SHUKHRATOV; Rimvydas MILAŠIUS & Jahongir GAFUROV	FORMATION AND PROPAGATION OF SOLITARY WAVES ALONG THE THREAD WITH INTENSE SHORT-TERM EXPOSURE
Sara STRGAČIĆ & Edita VUJASINOVIĆ	SEA SILK - MYTH OR REALITY
Anna UJHELYIOVÁ; Kristína BANÍKOVÁ; Jozef RYBA; Roderik PLAVEC; Veronika HRABOVSKÁ & Marcela HRICOVÁ	FIBRES FROM BIODEGRADABLE POLYMERS AND ADDITIVES FOR TEXTILE APPLICATIONS
Andreas WEGO; Eui-young SHIN & Muhammad Saif MAQSOOD & Jochen S. GUTMANN	BLACK CARBON FOR GREEN ENERGY AND MOBILTIY. A STORY ABOUT POLYACRYLONITRILE (PAN) AND THE USE OF IT IN CARBON MATERIALS
B. Textile finishing, dyeing and care	
Olga BELUKHINA; Daiva MILASIENE & Remigijus IVANAUSKAS	INFLUENCE OF CYCLIC TREATMENT ON THE Cu_xSe LAYER FORMATION ON THE DIFFERENT FIBRES SURFACE
Iva BRLEK; Olivera ŠAUPERL; Tanja PUŠIĆ & Sandra BISCHOF	INFLUENCE OF THE SYNTHESIS METHOD ON THE PREPARATION OF IMMORTELLE OIL MICROCAPSULES FOR COSMETOTEXTILES
Tihana DEKANIĆ; Tanja PUŠIĆ; Anita TARBUK, Sandra FLINČEC GRGAC; Darko ŠTANC & Branko NERAL	HYGIENE EFFECTIVENESS OF INNOVATED WASHING PROCESS FOR HOSPITAL TEXTILES
Sandra FLINČEC GRGAC; Anamarija KREŠIĆ; Ana VRBIĆ; Ivana ČORAK; Anita TARBUK; Snježana BRNADA & Tihana DEKANIĆ	INVESTIGATION OF THE POSSIBILITY OF BINDING CATIONIZED β -CYCLODEXTRIN ON COTTON FABRIC
Martinia GLOGAR; Tanja PUŠIĆ; Veronika LOVREŠKOV; Tea KAURIN; Nino KERMAN & Lidija SRŠAN	VAT DYE PRINTING OF INHERENT FIRE RETARDANT FABRICS
Jaime GRUNLAN	ENVIRONMENTALLY-BENIGN FLAME RETARDANT TREATMENTS FOR TEXTILE
Remigijus IVANAUSKAS & Daiva MILASIENE	PECULIARITIES OF THIN SILVER SELENIDE LAYER FORMATION ON THE POLYMERIC FIBRES SURFACE

Igor JORDANOV	INTUMESCENT FLAME RETARDANT MULTIAYER NANOCOATINGS FOR SYNTHETIC FABRICS
Tea KAURIN; Tanja PUŠIĆ; Martinia Ira GLOGAR & Veronika LOVREŠKOV	FUNCTIONAL AND SPECTRAL PROPERTIES OF INHERENT FLAME RETARDANT FABRICS AFTER WASHING
Tjaša KOLAR; Vera VIVOD & Vanja KOKOL	SCREEN-PRINTING OF NANO-FIBRILLATED CELLULOSE FOR AN IMPROVED MOISTURE MANAGEMENT AND ABRASION RESISTANT PROPERTIES OF FLAME-RESISTANT FABRIC
Manja KUREČIĆ; Branko NERAL & Selestina GORGIEVA	XRD AND TGA AS METHODS FOR EVALUATION OF STRUCTURAL DAMAGE ON A MACRO SCALE DURING A HOUSEHOLD TEXTILE TUMBLE DRYING PROCESS
Albana LETI TOTA; Silva SPAHIJA & Ermira SHEHI	ALBANIAN FOLK TEXTILES DYED WITH NATURAL PLANTS
Josip MARKOVIĆ; Anita TARBUK; Tihana DEKANIĆ; Rajna MALINAR & Tanja PUŠIĆ	THE INFLUENCE OF REPEATED WASHING TO CHANGE IN PROPERTIES OF HOSPITAL PROTECTIVE COTTON FABRICS
Thomas MAYER-GALL; Wael ALI; Valbone SHABANI; Klaus OPWIS & Jochen S. GUTMANN	NOVEL HALOGEN FREE FLAME RETARDANTS
Daiva MILASIENE; Olga BELUKHINA & Remigijus IVANAUSKAS	EFFECTS OF COPPER SELENIDE LAYER QUALITY ON ELECTRICAL PROPERTIES OF TREATED DIFFERENT POLYMERIC FIBRES
Klaus OPWIS; Dennis PLOHL; Jessica SCHNEIDER; Julia SEITHUEMMER; Dennis WUNSCHIK & Jochen S. GUTMANN	METALLIZATION OF TEXTILES IN SUPERCRITICAL CARBON DIOXIDE
Jovana PETKOVSKA & Igor JORDANOV	LIGNIN-BASED NANOCOATING FOR FLAME RETARDANT COTTON FABRIC
Ajna PRSTAČIĆ VUKOVIĆ; Martinia GLOGAR, Tihana DEKANIĆ; Sanja ERCEGOVIĆ RAŽIĆ; Anja LUDAŠ & Ivan BERETIĆ	ANALYSIS OF BREAKAGE OF THE POLYMER LAYER IN THE CONDITIONS OF USE AND CARE OF DIGITALLY PRINTED TEXTILE PRODUCTS
Tanja PUŠIĆ; Agata VINČIĆ; Viktorija VUSIĆ & Dejan ŽMUK	RELEASE OF PES FIBERS PARTICLES DURING WASHING - ESTIMATION BY REDUCING THE FABRICS MASS AND DRY MASS OF THE REMAINING BATH
Anita TARBUK; Ivana ČORAK; Dragan ĐORĐEVIĆ & Lea BOTTERI	THE INFLUENCE OF POLY(ETHYLENE TEREPHTALATE) CUTINASE HYDROLISIS TO FABRIC PROPERTIES
Ana VRBIĆ, Sandra FLINČEC GRGAC, Ana VASILJEVIĆ & Anita TARBUK	FUNCTIONALIZATION OF COTTON/POLYESTER FABRIC WITH DIMETHYLTETRADECYL (3-(TRIMETHOXYSYL) AMMONIUM CHLORIDE

C. Clothing technologies and engineering

Blaženka BRLOBAŠIĆ ŠAJATOVIĆ; Emma STEPHANIE GAUNT & Irena ŠABARIĆ	CONSTRUCTION AND MODELLING OF DRESSES INSPIRED BY MODERN FASHION OF JAPAN
Vaida BUZAITE & Daiva MIKUCIONIENE	DEVELOPMENT OF 3D WEFT KNITTED STRUCTURES FOR SPECIAL PURPOSES
Victoria DANILA; Antonela CURTEZA; Stela BALAN	STUDY OF ANTHROPOMETRIC DATA CHARACTERIZING PREMATURE BORN CHILDREN
Renata HRŽENJAK; Slavica BOGOVIĆ & Beti ROGINA-CAR	FUNCTIONAL DESIGN AND CONSTRUCTION OF CHILDREN'S CLOTHING WITH MICROBIAL BARRIERS
Snježana KIRIN; Anica HURSA ŠAJATOVIĆ & Zvonko DRAGČEVIĆ	ASSESSMENT OF WORKLOAD IN THE TECHNOLOGICAL SEWING PROCESS
Eugenija STRAZDIENE; Fausta RUTKAUSKAITE; Margarita KNYSTAUTAITE & Goda BUTRIMAITE	THE EFFECT OF FABRIC BENDING RIGIDITY UPON THE ACCURACY OF SIMULATED 3D GARMENT VIEW

D. Analysis, testing and quality control

Edgaras ARBATAITIS & Daiva MIKUČIONIENE	FLEXIBLE THEORETICAL MODELLING OF WEFT KNITTED FABRICS STRUCTURAL PARAMETERS
Marcin BARBURSKI & Tsegaye LEMMI	INFLUENCE OF THERMAL AGING ON THE MECHANICAL PROPERTIES OF HIGH TENACITY POLYESTER YARN USED FOR REINFORCEMENT CONVEYOR BELT
Marcin BARBURSKI, Bethalhem SAMUEL & Ewa WITCZAK	THE INFLUENCE OF THE INCIDENCE ANGLES OF SOUND WAVE ON THE ACOUSTIC PERFORMANCE OF WOVEN FABRICS
Sikander Abbas BASRA; Eglė KUMPIKAITĖ & Norina ASFAND	EVALUATION OF SENSORIAL COMFORT PROPERTIES OF DIFFERENT WEFT KNITTED STRUCTURES
Snježana BRNADA; Rajna MALINAR; Stana KOVAČEVIĆ & Laura ODAK	IMPACT OF WEAVE ON TOPOGRAPHIC CHARACTERISTICS OF POLYESTER /COTTON FABRICS BEFORE AND AFTER WASHING
Daniel DOMOVIĆ & Tomislav ROLICH	INFLUENCE OF DIFFERENT TYPES OF EVOLUTIONARY ALGORITHMS ON MARKER EFFICIENCY
Edita GELAZIENE, Raimonda CVILIKAITE, Audrone RAGAISIENE & Daiva MILASIENE	POSSIBILITIES OF COMPRESSIVE LOAD EFFECT PREDICTION OF 3D PRINTED POLYMERIC HEELS PROTOTYPES
Nikolina JUKL; Slavenka PETRAK; Snježana FIRŠT ROGALE & Dubravko ROGALE	3D COMPUTER DESIGN OF MODULAR CLOTHING SYSTEM AND TESTING OF ITS THERMAL PROPERTIES
Mateo Miguel KODRIČ KESOVIA & Željko PENAVAL	DETERMINING THE DENSITY OF HISTORICAL FABRICS USING THE GRAY LINE PROFILE METHOD

Rajna MALINAR, Snježana BRNADA & Sandra FLINČEC GRGAC	THE INFLUENCE OF FABRIC STRUCTURE PROPERTIES ON SURFACE ROUGHNESS AND TEXTILE DUST GENERATION
Małgorzata MATUSIAK	INVESTIGATION OF SURFACE TOPOGRAPHY OF SEERSUCKER WOVEN FABRICS
Tamaki MITSUNO & Wkana KONDO MIURA	EFFECT OF PRESSURE STIMULATION AT ABDOMEN ON BLOOD FLOW VOLUME OF ARM - TRIAL USING THE ULTRASOUND DOPPLER METHOD
Marijana PAVUNC SAMARŽIJA, Bernardo PELESK & Edita Vujasinović	DAMAGE OF HIGH-PERFORMANCE HUNTING UNIFORM MATERIALS - FORENSIC EVIDENCE
Željko PENAVAL; Željko KNEZIĆ; Dubravko ROGALE & Diana ŠIMIĆ PENAVAL	INFLUENCE OF WASHING ON THE HEAT DISSIPATION IN ELECTRICALLY CONDUCTIVE THREADS WOVEN INTO THE FABRIC
Tanja PUŠIĆ, Ivo SOLJAČIĆ & Katia GRGIĆ	OBJECTIVE EVALUATION OF WASHED COTTON FABRICS MOTIVATED BY SUBJECTIVE ASSESSMENT
Hikmet SEHIT & Huseyin KADOGLU	A RESEARCH ON THE EFFECT OF YARN LIVELINESS ON SPIRALITY OF KNITTED FABRICS
Franka ŽUVELA BOŠNJAK; Sandra FLINČEC GRGAC & Kristina MARŠIĆ	ECONOMIC EFFICIENCY OF LEATHER TREATED WITH ZEOLITE AFTER THE PICKING PROCESS
E. Design and marketing of textile and clothing	
Victoria DANILA; Antonela CURTEZA; Stela BALAN	CONSEQUENCES OF THE USE OF IMPROPER CLOTHING FOR PREMATURE CHILDREN
Duje KODŽOMAN	QUALITATIVE ANALYSIS OF SWEDISH FASHION BRANDS WITH EMPHASIS ON THE CONCEPT OF SUSTAINABILITY
Eglė KUMPIKAITĖ; Olena NYKORAK; Erika NENARTAVIČIŪTĖ; Ludmyla HERUS; Tetiana KUTSYR, Olena KOZAKEVYCH, Daiva MILAŠIENĖ & Žaneta RUKUIŽIENĖ	COMPARISON OF DÉCOR OF LITHUANIAN AND WESTERN UKRAINIAN FOLK TOWELS
Dražen MALIĆ; Dijana VUKOVIĆ & Anica HUNJET	MEN'S SHOPPING ORIENTATION IN SELECTING CLOTHING PRODUCTS
Daiva MIKUČIONIENE	TEXTILE DIGITALIZATION AND DIGITAL EDUCATION IN THE CONTEXT OF THE EUROPEAN ECONOMY
Ivan NOVAK; Maja STRACENSKI KALAUZ & Kristina MARŠIĆ	BRAND VALUE EVALUATION ISSUES
Irena ŠABARIĆ; Alison IVAŠIĆ; Franka KARIN & Blaženka BRLOBAŠIĆ ŠAJATOVIĆ	SYNERGY OF FASHION AND TECHNOLOGY THROUGH 3D PRINT

Nuran ZARİF & Özgür CEYLAN	THE IMPACT OF 3D SIMULATION SOFTWARE IN DESIGN AND PRODUCT DEVELOPMENT PROCESSES
F. Sustainable textile products and processes	
Tuser BISWAS;Junchun YU & Vincent NIERSTRASZ	DIGITAL INKJET PRINTING OF ANTIMICROBIAL LYSOZYME ON PRETREATED POLYESTER FABRIC
Ivana ČORAK & Anita TARBUK	THE PROCESS SUSTAINABILITY FOR POLYESTER FABRIC
Andrej DEMŠAR	SUSTAINABILITY – CIRCULAR ECONOMY - EDUCATION
Ivana ČORAK; Branka VOJNOVIĆ & Anita TARBUK	REACTIVE BLACK 5 REMOVAL FROM AQUEOUS MEDIA USING CATIONIZED COTTON FABRIC WITH 3-CHLORO-2-HYDROXYPROPYL-TRIMETHYLAMMONIUM CHLORIDE
Iva DIVJAK; Ana ŠARAVANJA; Ana SUTLOVIĆ; Branka VOJNOVIĆ & Mario CETINA	KINETIC AND THERMODYNAMIC STUDIES OF EVERZOL BLACK B DYE ADSORPTION ON ACTIVATED CARBON
Monika MALINOWSKA-OLSZOWY & Anna LASKA-LEŚNIEWICZ	DESIGN THINKING METHODOLOGY IN CREATION OF INNOVATIVE AND SUSTAINABLE TEXTILES
Kristina MARŠIĆ & Anica HUNJET	STUDENT AWARENESS AND ACTIVITIES IN THE PROCESS OF TEXTILE WASTE MANAGEMENT
Aika MIHELIĆ - BOGDANIĆ & Ivana ŠPELIĆ	FLUE GASES HEAT RECOVERY IN SYNTHETIC POLYISOPRENE PRODUCTION
Elisabeth T. PEREIRA; Margarita ROBAINA & Joana ROCHA	THE ROLE OF CONSUMER IN A CIRCULAR ECONOMY TRANSFORMATION IN THE TEXTILE SECTOR
Elizabeth RAMOS KALMAR	ECOKIT-TEX: DESIGN TOOL TO BETTER UNDERSTAND SUSTAINABILITY IN FASHION - CASE STUDY
Elizabeth RAMOS KALMAR	FIBERLAND: MAP OF THE POTENTIAL OF SUSTAINABLE TEXTILES IN COLOMBIA
Margarita ROBAINA, Elisabeth T. PEREIRA & Wesley RIBEIRO	CIRCULAR ECONOMY IN THE TEXTILE SECTOR: FINANCIAL IMPACTS
Antonio SLAVUJEVIĆ & Edita VUJASINOVIĆ	RECYCLING OF CARBON FIBER REINFORCED COMPOSITES FROM RIMAC CAR PRODUCTION
Ana SUTLOVIĆ; Anita TARBUK; Sandra FLINČEC GRGAC & Tihana DEKANIĆ	SUSTAINABILITY OF WET TEXTILE PROCESSES
Ana ŠARAVANJA; Tihana DEKANIĆ; Ana SUTLOVIĆ & Tanja PUŠIĆ	INFLUENCE OF DETERGENT TYPE ON THE WASHFASTNESS OF POLYESTER FABRICS WITH A DYE EXTRACTED FROM JUGLANS REGIA L

Ivana ŠPELIĆ; Aika MIHELIĆ - BOGDANIĆ & Ivana DOROTIĆ	COMPARISON OF ENERGY SAVINGS APPLYING DIRECT VS. INDIRECT HEATING SYSTEMS
Ivana ŠPELIĆ, Aika MIHELIĆ - BOGDANIĆ & Ivana DOROTIĆ	EXPERIMENTAL ANALYSIS OF GAS CONSUMPTION APPLYING INDIRECT HEATING IN FABRIC DRYING PROCESSES
Katarina KRANJIĆ; Branka VOJNOVIĆ; Mirjana ČURLIN; Agata VINČIĆ & Tanja PUŠIĆ	DETERMINATION OF MICROPLASTIC PARTICLES RELEASED IN THE TEXTILE WASHING PROCESS
Julija VOLMAJER VALH; Aleksandra LOBNIK & Bojana VONČINA	BIOCHEMICAL TRANSFORMATION OF TEXTILE WASTE INTO SECONDARY RAW MATERIALS