



XIVth International İzmir Textile and Apparel Symposium (IITAS 2017)



IIIrd International Congress on Healthcare and Medical Textiles (EGEMEDITEX 2017)

SCIENTIFIC PROGRAMME

October 26-28, 2017

Altın Yunus Çeşme Resort & Thermal Hotel

Çeşme, İzmir

SCIENTIFIC SECRETARIAT

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IITAS 2017

OCTOBER 26-28, 2017



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Organizing Committee

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Tuba BEDEZ ÜTE	Ege University
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Emrah TEMEL	Ege University

PROGRAMME

OCTOBER 26, THURSDAY	
08:30 – 09:30	REGISTRATION
09:30 – 11:00	<p>OPENING CEREMONY</p> <p>OPENING SPEECHES</p> <p>E. Perrin AKÇAKOCA KUMBASAR – Chair of IITAS 2017 & EGEMEDITEX 2017 Organizing Committee</p> <p>Şeref FAYAT – Association of Turkish Apparel Industrialists, Chair of the Executive Board</p> <p>Emre KIZILGÜNEŞLER – Aegean Exporters' Associations, Coordinator Vice chairman; Aegean Apparel Exporters Union, Chair of the Executive Board</p> <p>Abdülkadir KONUKOĞLU – The Union of Chambers and Commodity Exchanges of Turkey, Textile Industry Assembly, Chair; Sanko Holding, Honorary President</p> <p>Muharrem Hilmi KAYHAN – Turkish Textile Employers' Association, Chair of the Executive Board</p> <p>Süheyda ATALAY – Deputy Dean of the Ege University Engineering Faculty</p>
11:00 – 11:30	COFFEE BREAK
11:30 – 12:00	<p>Işık TARAKÇIOĞLU, Ege University, Turkey</p> <p>WHERE WILL TEXTILE INDUSTRY PRODUCE IN THE FUTURE? (LAST PART)</p>
12:00 – 12:30	<p>Birol SEZER, İstanbul Ready Wear and Clothing Exporters' Association, Turkey</p> <p>SUSTAINABLE COMPETITION IN READY WEAR MARKET</p>
12:30 – 13:00	<p>Vehbi CANPOLAT, Turkish Textile Finishing Industrialists Association, Turkey</p> <p>TODAY'S TURKISH TEXTILE FINISHING INDUSTRY AND ITS VISION IN NEXT TEN YEARS</p>
13:00 – 14:30	LUNCH
14:30 – 15:00	<p>Uwe MERKLEIN, Ib M Consulting – Ingenieurbüro Merklein, Germany</p> <p>TECHNICAL TEXTILES - TRENDS FOR NEW OPPORTUNITIES WITH SMART SOLUTIONS!</p>
15:00 – 15:30	<p>Elif YARAŞIK, Global Standard gemeinnützige GmbH, Germany</p> <p>GLOBAL ORGANIC TEXTILE STANDARD ECOLOGY & SOCIAL RESPONSIBILITY</p>
15:30 – 16:00	<p>Olivier ZIESCHANK, International Textile Manufacturers Federation (ITMF), Switzerland</p> <p>THE GLOBAL TEXTILE (MACHINERY) INDUSTRY IN DISRUPTIVE TIMES</p>
16:00 – 16:30	COFFEE BREAK
16:30 – 17:00	<p>Sabrina SCHMIDT, Technische Universität Chemnitz, Germany</p> <p>WHY FUTURE TEXTILE BUSINESS MODELS DEMAND SUSTAINABILITY?</p>
17:00 – 17:30	<p>Gamze KILINÇ USTABAŞ, Turkish Textile Employers' Association, Turkey</p> <p>NECESSITY OF VOCATIONAL QUALIFICATION CERTIFICATE IN TEXTILE INDUSTRY</p>
17:30 – 18:00	<p>Ali Rıza ERSOY, Siemens A.Ş., Turkey</p> <p>ON THE WAY TO DIGITAL ENTERPRISE: INDUSTRY 4.0</p>
20:00	DINNER

XIVth INTERNATIONAL İZMİR TEXTILE & APPAREL SYMPOSIUM

OCTOBER 27, FRIDAY			
	SESSION I	SESSION II	SESSION III
09:30 – 10:00	Krste DIMITROVSKI University of Ljubljana, Slovenia FROM RESEARCH TO IMPLEMENTED PRODUCT	Saadet YAPAR Ege University, Turkey THE USE OF WASTE PUMICE IN THE TREATMENT OF DENIM PLANT WASTEWATER	Savvas G. VASSILIADIS TEI Piraeus, Greece VOCATIONAL AND HIGHER EDUCATION IN TEXTILE ENGINEERING USING THE MOODLE E-LEARNING PLATFORM
10:00 – 10:30	Saygın BAYRAKTAR Erbel Mümessillik İhr. ve İth. A.Ş., Turkey RIETER MACHINES & SYSTEMS 2017: ALL SPINNING SYSTEMS FROM ONE SUPPLIER	Oliver GERLACH Huntsman, Singapore MANAGE THE CHALLENGE OF THE INDUSTRY BY DELIVERING ECONOMIC AND ENVIRONMENTAL SUSTAINABILITY	Mirela BLAGA "Gheorghe Asachi" Technical University of Iasi, Romania KNOWLEDGE MATRIX OF INNOVATION FOR TEXTILE COMPANIES
10:30 – 11:00	COFFEE BREAK		
11:00 – 11:30	Peter GÖLDEN SAURER.Schlafhorst GmbH & Co. KG, Germany SAURER.SCHLAFHORST AND SAURER.ZINSER COMBINING FX-HIGH PERFORMANCE FEATURES IN RING SPINNING AND WINDING	Erdiñ DİNÇER Benninger AG., Turkey OPEN WIDTH FINISHES FOR KNITTED GOODS	Arzu MARMARALI Ege University, Turkey SUSTAINABLE TRANSFER OF TEXTILE AND FASHION IN VOCATIONAL EDUCATION
11:30 – 12:00	HERMANN SELKER Trützschler GmbH & Co. KG, Germany SIMULTANEOUS IMPROVEMENT OF ECONOMIC EFFICIENCY AND YARN QUALITY IN ROTOR SPINNING THROUGH INTEGRATED DRAW FRAMES	Korgün ŞENGÜN MKS&DevO Kimya A.Ş., Turkey THE LIMITS OF CHEMISTRY IN DIGITAL PRINTING SULTAN EYE AND SULTAN INK	Derya TAMA Ege University, Turkey DEVELOPING SMART BODY PROTECTOR FOR SPORTS KARATE
12:00 – 12:30	Savvas G. VASSILIADIS TEI Piraeus, Greece PIEZOELECTRIC FIBRES: POTENTIAL AND LIMITATIONS	Hüseyin KARIŞLI Erka Mühendislik Müşavirlik Ltd. Şti., Turkey ENERGY MANAGEMENT IN TEXTILE COMPANIES	B. Elif ŞAMLI Ege University, Turkey EVALUATION OF E-TRADE FOR READY-TO-WEAR MARKET
12:30 – 14:00	LUNCH		
14:00 – 14:30	Erkan TETİK Uşak University, Turkey DESIGN OF AN ELECTRO-TEXTILE BASED WEARABLE ANTENNA	Murat ONAN Onan Kimya, Turkey PREDICTION OF TEXTILE FINISHING PROBLEMS AND SPECIAL FINISHING APPLICATIONS FOR NEW MARKETS	Hale KARAKAŞ İstanbul Technical University, Turkey CIRCULAR ECONOMY AND APPAREL WASTE MANAGEMENT
14:30 – 15:00	Tuba BEDEZ ÜTE Ege University, Turkey CORE-SPUN AND DOUBLE-CORE YARNS IN COMPARATIVE PERSPECTIVE	Gönül YAVUZ Rudolf Duraner, Turkey USING PHOTONIC CRYSTALS FOR STRUCTURAL COLORATION OF TEXTILES	Umut BİLEN Namık Kemal University, Turkey INVESTIGATION OF DEFECTS IN MALE SHIRT PRODUCTION WITH STATISTICAL CONTROLS AND DETERMINATION OF DEFECT COSTS
15:00 – 15:30	Bünyamin ÜZÜMCÜ Ege University, Turkey HOW DO TRAVELLER WEIGHT AND RUNNING PERIOD EFFECT PROPERTIES OF COMPACT SPUN YARNS FINER THAN NE 100?	Seniha MORSUNBUL Ege University, Turkey ENCAPSULATION OF PHOTOCHROMIC DYES FOR TEXTILE APPLICATIONS	Nefise Gönül ŞENGÖZ Uşak University, Turkey INITIATION OF A METHOD TO OBTAIN BODY MEASUREMENTS FROM 2D IMAGES
15:30 – 16:30	POSTER SESSION & COFFEE BREAK		
16:30 – 17:00	Elif YILMAZ Ege University, Turkey PREDICTION OF THE CREASE RECOVERY PROPERTY OF LINEN WOVEN FABRICS WITH ARTIFICIAL NEURAL NETWORK TECHNIQUE	Derya MERİÇ Dokuz Eylül University, Turkey THE RESEARCH OF THE USAGE OF THERMOCHROMIC LEUCO DYES IN TEXTILE PRINTING	Emine Rümeyza EREN Beykent University, Turkey GEOMETRIC MODELING OF THE PRODUCT UNIT FABRIC QUANTITY IN THE APPAREL SECTOR
17:00 – 17:30	Elif KURTULDU Dokuz Eylül University, Turkey AESTHETIC ANALYSIS OF THE RELIEF EFFECTS USING THERMOPLASTIC STRUCTURED YARNS TO DESIGN AND PRODUCTION OF WOVEN FABRICS	Zeynep ÖMEROĞULLARI BAŞYİĞİT Uşak University, Turkey IMPROVEMENT OF WATER REPELLENCY PROPERTIES OF COTTON FABRICS WITH FOAM APPLICATION	Mehmet KÜÇÜK Ege University, Turkey CONTRACT MANUFACTURER SELECTION FOR APPAREL SECTOR BY USING KEY PERFORMANCE INDICATORS-KPI
17:30 – 18:00			Merve TÜREMEN Ege University, Turkey "LIFE CYCLE ASSESSMENT" MILESTONE OF TEXTILE INDUSTRY
20:00	DINNER hosted by Turkish Textile Employers' Association		

XIVth INTERNATIONAL İZMİR TEXTILE & APPAREL SYMPOSIUM

OCTOBER 27, FRIDAY

EGEMEDITEX 2017 SESSION



09:30 – 10:00	<p align="center">Çağrı BÜKE Yeditepe University, Turkey TREATMENT OF DIABETIC FOOT INFECTIONS AND THE EFFECT OF DERMOBOR</p>
10:00 – 10:30	<p align="center">Fikrettin ŞAHİN Yeditepe University, Turkey BORON-CONTAINING GEL FORMULATION PROMOTES ACUTE AND CHRONIC WOUND HEALING</p>
10:30 – 11:00	COFFEE BREAK
11:00 – 11:30	<p align="center">Uwe MERKLEIN, Ib M Consulting – Ingenieurbüro Merklein, Germany 'LIFE CARE' – SMART SOLUTIONS FOLLOWING THE MEGA TREND</p>
11:30 – 12:00	<p align="center">Nazmiye Özlem ŞANLI İstanbul University, Turkey ANTIMIC APPLIED ANTIBACTERIAL MEDICAL AND FABRIC WOUND BANDAGE BY SOL-GEL TECHNIQUE</p>
12:00 – 12:30	<p align="center">Gökhan TANDOĞAN KİPAŞ Mensucat İşletmeleri A.Ş., Turkey THREE DIMENSIONAL BED SHEET DEVELOPMENT REDUCING PRESSURE SORE WITH PROBIOTIC PROPERTY</p>
12:30 – 14:00	LUNCH
14:00 – 14:30	<p align="center">Sukhwinder KAUR BHULLAR Bursa Technical University, Turkey SMART AUXETIC WOUND CARE SCAFFOLDS</p>
14:30 – 15:00	<p align="center">Koray PEKTAŞ Kahramanmaraş Sütçü İmam University, Turkey THE USAGE OF MICROCAPSULES CONTAINING VARIOUS OZONATED OILS IN THE PRODUCTION OF ANTI-BACTERIAL TEXTILE SURFACES</p>
15:00 – 15:30	<p align="center">Ebru BOZACI Ege University, Turkey BACTERIAL CELLULOSE BASED MATERIALS AND BIOMEDICAL APPLICATIONS</p>
15:30 – 16:30	POSTER SESSION & COFFEE BREAK
16:30 – 17:00	<p align="center">Nilüfer Yıldız VARAN Pamukkale University, Turkey THE EFFECTS OF SILVER BIOCIDES EMBEDDED IN TITANIUM DIOXIDE CRYSTAL ANTIMICROBIALS ON THE PHYSICAL AND MECHANICAL PROPERTIES OF COTTON AND COTTON/ELASTANE FABRICS USED FOR CLOTHING</p>
17:00 – 17:30	<p align="center">Fatma KALAOĞLU İstanbul Technical University, Turkey THE EFFECT OF ULTRASONIC WELDING PARAMETERS ON THE ELECTRO-CONDUCTIVE PERFORMANCE OF TEXTILE TRANSMISSION LINES</p>
17:30 – 18:00	<p align="center">Zeynep ORDU Bursa Technical University, Turkey RHEOLOGICAL PROPERTIES AND WATER ABSORPTION CAPACITIES OF CELLULOSE REINFORCED HYDROGELS</p>
18:00 – 18:30	<p align="center">Barış Oğuz GÜRSES Ege University, Turkey DEVELOPMENT OF A MAGNETO-RHEOLOGICAL GLOVE FOR HAND REHABILITATION APPLICATIONS</p>
20:00	DINNER hosted by Turkish Textile Employers' Association

XIVth INTERNATIONAL İZMİR TEXTILE & APPAREL SYMPOSIUM

OCTOBER 28, SATURDAY

OCTOBER 28, SATURDAY			
	SESSION I	SESSION II	SESSION III
09:30 – 10:00	<p align="center">Rumbidzai Etina ZIZHOU Ege University, Turkey</p> <p>PRODUCTION OF NAFION NANOFIBRES WITH VARIOUS CARRIER POLYMERS</p>	<p align="center">Savvas G. VASSILIADIS TEI Piraeus, Greece</p> <p>MULTIAXIAL TENSILE TESTING OF TEXTILES USING INDUCTIVE TYPE POSITION SENSORS</p>	<p align="center">Gizem KARA Uludağ University, Turkey</p> <p>INVESTIGATION OF THE EFFECT OF STRUCTURAL PROPERTIES OF DENIM WOVEN FABRICS ON THE MOISTURE MANAGEMENT PERFORMANCE</p>
10:00 – 10:30	<p align="center">Meltem YANILMAZ İstanbul Technical University, Turkey</p> <p>NANOFIBER SEPARATORS FOR ADVANCED LITHIUM-ION BATTERIES</p>	<p align="center">Adnan MAZARİ Technical University of Liberec, Czech Republic</p> <p>NOVEL TECHNIQUES TO ANALYSE THE COMFORT OF CAR SEAT</p>	<p align="center">Esra Zeynep YILDIZ Ege University, Turkey</p> <p>A STUDY ABOUT THE EVALUATION OF SEWING PERFORMANCE OF KNITTED AND WOVEN FABRICS</p>
10:30 – 11:00	COFFEE BREAK		
11:00 – 11:30	<p align="center">Hülya KESİCİ GÜLER Süleyman Demirel University, Turkey</p> <p>EMULSION ELECTROSPINNING OF PVP/CINNAMON ESSENTIAL OIL NANOFIBERS</p>	<p align="center">Süreyya KOCATEPE Erciyes University, Turkey</p> <p>PRODUCTION OF NONWOVEN FROM CHICKEN FEATHER FIBERS</p>	<p align="center">Müslüm KAPLAN Bartın University, Turkey</p> <p>HIGH PRESSURE RESIN TRANSFER MOLDING (HP-RTM) PROCESS AND FUTURE IN THE AUTOMOTIVE INDUSTRY</p>
11:30 – 12:00	<p align="center">Seher KANAT Ege University, Turkey</p> <p>ANALYZING THE DEPENDENCE OF EXPORTS ON IMPORTS IN TURKEY: CASE OF TEXTILE AND CLOTHING SECTORS</p>	<p align="center">Gözdem DITTEL Institut fuer Textiltechnik of RWTH Aachen University, Germany</p> <p>APPLICATION OF TECHNICAL TEXTILES AS REINFORCEMENT IN CONCRETE STRUCTURES</p>	<p align="center">Hatice AKTEKELİ Ege University, Turkey</p> <p>A RESEARCH ON BIODEGRADABLE NONWOVEN AGRICULTURAL TEXTILES</p>
12:00 – 12:30	<p align="center">Canan SARIÇAM İstanbul Technical University, Turkey</p> <p>DETERMINATION OF CONSUMER AWARENESS ABOUT SUSTAINABLE FASHION</p>	<p align="center">Seçkin ERDEN Ege University, Turkey</p> <p>AN INVESTIGATION ON THE COMPRESSION PROPERTIES OF WARP KNITTED SPACER FABRIC/SILICONE RUBBER COMPOSITES</p>	<p align="center">Burak SARI Ege University, Turkey</p> <p>FABRIC DESIGN FOR OUTDOOR SPORTS BY FLAT KNITTING TECHNOLOGY</p>
12:30 – 14:00	LUNCH		
14:00 – 14:30	<p align="center">Emrah TEMEL Ege University, Turkey</p> <p>INNERSTRUCTURE CHARACTERIZATION OF PAN-co-VA, PAN-co-MA COPOLYMER FIBERS AND PAN HOMOPOLYMER FIBER</p>	<p align="center">Shahrukh SHAHBAZ İstanbul Technical University, Turkey</p> <p>EFFECT OF DIFFERENT INTERACTION METHODS OF CNTS ON MECHANICAL PROPERTIES OF MULTI-LAYERED GLASS-CARBON HYBRID COMPOSITES</p>	EGEMEDITEX 2017 SESSION-B
			<p align="center">Mine SEÇKİN Uşak University, Turkey</p> <p>TEST AND ANALYSIS SYSTEM DESIGN FOR FLEXIBLE HINGES</p>
14:30 – 15:00	<p align="center">Zeynep ÖMEROĞULLARI BAŞYİĞİT Uşak University, Turkey</p> <p>FUNCTIONAL FINISHING FOR ENHANCEMENT OF FLAME RETARDANCY AND ANTIBACTERIAL EFFECT OF COTTON FABRICS</p>	<p align="center">Pedro GOMES Minho University, Portugal</p> <p>INTELLIGENT TEXTILES FOR MARTIAL ARTS</p>	<p align="center">Betül Rümeyisa TEMEL İzmir Katip Çelebi University, Turkey</p> <p>SOLVING THE ENVIRONMENTAL POLLUTION FROM CIGARETTE LITTERS</p>
15:00 – 16:00	COFFEE BREAK and CLOSING		

XIVth INTERNATIONAL İZMİR TEXTILE & APPAREL SYMPOSIUM

OCTOBER 28, SATURDAY

EGEMEDITEX 2017 SESSION-A



09:30 – 10:00	<p>Duygu GAZİOĞLU RÜZGAR Bursa Technical University, Turkey EXTRACTION AND CHARACTERIZATION OF BIOCOMPATIBLE AND BIODEGRADABLE WOOL KERATIN BASED FILMS</p>
10:00 – 10:30	<p>Çiğdem AKDUMAN Pamukkale University, Turkey INVESTIGATION OF RELEASE CHARACTERISTICS OF NAP- AND NAP/CD INCLUSION COMPLEX-LOADED TPU NANOFIBERS</p>
10:30 – 11:00	COFFEE BREAK
11:00 – 11:30	<p>Mirela BLAGA "Gheorghe Asachi" Technical University of Iasi, Romania MAIN REQUIREMENTS OF THE KNITTED FABRICS DESIGNED FOR FOOTWEAR LININGS</p>
11:30 – 12:00	<p>Gözde ERTEKİN Ege University, Turkey AN INVESTIGATION ON THE COMFORT PROPERTIES OF TEXTILE LAMINATES FOR FOOTWEAR LININGS</p>
12:00 – 12:30	<p>Nida OĞLAKCIOĞLU Ege University, Turkey COMPRESSION CHARACTERISTICS OF WARP KNITTED SPACER FABRICS</p>
12:30 – 14:00	LUNCH
14:00 – 14:30	<p>Ahmet AYDIN Bursa Technical University, Turkey ANTIBACTERIAL WATERPROOF-BREATHABLE POLYURETHANE COATINGS ON FABRICS</p>
14:30 – 15:00	<p>Gonca ÖZÇELİK KAYSERİ Ege University, Turkey MECHANICAL CHARACTERISTICS OF SURGICAL SUTURES</p>
15:00 – 16:00	COFFEE BREAK and CLOSING

POSTER PRESENTATIONS of IITAS 2017

1. ACAR E., THE ANALYSIS OF THE WORKING POSTURES FOR THE SEWING MACHINE REPAIR THROUGH ERGONOMIC RISK ASSESSMENT METHODS, EGE UNIVERSITY, TURKEY.
2. AKÇALI K., A NEW APPROACH FOR PIGMENT PRINTING, BARTIN UNIVERSITY, TURKEY.
3. BAŞKAN H., BIOLOGICAL APPLICATIONS OF ELECTROSPUN POLYURETHANE NANOFIBERS, İSTANBUL TECHNICAL UNIVERSITY, TURKEY.
4. BERK BERKALP Ö., EFFECT OF DIFFERENT STACKING SEQUENCES OF FABRIC PLIES ON THE THERMO-MECHANICAL PROPERTIES OF HYBRID COMPOSITES, İSTANBUL TECHNICAL UNIVERSITY, TURKEY.
5. BİLEN U., THE PROPERTIES AND EVALUATION FACTORS OF ALPACA FIBERS, NAMIK KEMAL UNIVERSITY, TURKEY.
6. BOZACI E., USE OF TEXTILE SURFACES AS IMMOBILIZED ENZYME SUPPORT, EGE UNIVERSITY, TURKEY.
7. BULUÇ D., GAS RELIEF ROMPER DESIGN FOR BABIES, MİMAR SİNAN GÜZEL SANATLAR UNIVERSITY, TURKEY.
8. BUYUK MAZARI F., ANALYSING THEORETICALLY THE AIR FLOW THROUGH CAR SEAT FOAM MATERIAL, TECHNICAL UNIVERSITY OF LIBEREC, CZECH REPUBLIC.
9. BÜYÜKKORU B., SYNTHESIS OF POLYMERS AND THE RESEARCH OF THEIR ANTIPILLING EFFECTS ON DIFFERENT FABRICS, ULUDAĞ UNIVERSITY, TURKEY.
10. BÜYÜKKORU, B., PHYSICO-CHEMICAL STUDIES OF POLYMER AFFINITIES ON VISCOSE FABRICS, ULUDAĞ UNIVERSITY, TURKEY.
11. CEYLAN Ö., STUDY OF COTTON FIBRES DEVELOPED FOR IMPROVED PROPERTIES, ANADOLU UNIVERSITY, TURKEY.
12. DEMİR A.G., FUNCTIONALIZING TEXTILE FIBERS USING BY MONOMER REACTOR WITH PLASMA METHOD, EGE UNIVERSITY, TURKEY.
13. ERDÜMLÜ N., ANALYSING THE CONSUMER BEHAVIOUR AND THE INFLUENCE OF BRAND LOYALTY IN PURCHASING SPORTSWEAR PRODUCTS, İSTANBUL TECHNICAL UNIVERSITY, TURKEY.
14. EREN E.R., ANALYSIS OF THE COMPONENTS AFFECTING PRODUCT COST IN APPAREL SECTOR, BEYKENT UNIVERSITY, TURKEY.
15. EREN, H.A., SURFACE MODIFICATION OF TEXTILE MATERIALS VIA OZONE TREATMENT FOR COMPOSITES, ULUDAĞ UNIVERSITY, TURKEY.
16. ERTEKİN M., FAR INFRARED RAY (FIR) TECHNOLOGY AND FIR REFLECTING YARNS AND FABRICS, EGE UNIVERSITY, TURKEY.
17. GAZİOĞLU RÜZGAR D., PRODUCTION AND CHARACTERIZATION OF COMPOSITE POLYPROPYLENE YARNS FOR NO₂ GAS ADSORPTION APPLICATION, BURSA TECHNICAL UNIVERSITY, TURKEY.
18. GÜNDÜZ BALPETEK, F., ENVIROMENTAL EFFECTS OF TEXTILE WASHING HABITS IN TURKEY AND EUROPE, EGE UNIVERSITY, TURKEY.
19. HATAMLOU M., AN INVESTIGATION ON ABRASIVENESS OF DIFFERENT SEWING THREADS, EGE UNIVERSITY, TURKEY.
20. KÖRLÜ A., OZONE BLEACHING OF COTTON IN WATER, EGE UNIVERSITY, TURKEY
21. MERİÇ D., A NEW APPROACH TO THE USE OF INNOVATIVE MATERIALS IN TEXTILE AND FASHION DESIGN: SANDWICH STRUCTURES, DOKUZ EYLÜL UNIVERSITY, TURKEY.
22. MIZMIZLIOĞLU Z.D., STATIC ELECTRICITY BEHAVIOR OF VARIOUS TEXTILE PRODUCTS USED IN GROUND FLOORS, EGE UNIVERSITY, TURKEY.
23. ORAL O., THE USE OF HAPTIC TECHNOLOGY IN TEXTILE, EGE UNIVERSITY, TURKEY.
24. PARER O., DEVELOPMENT OF DIFFERENT STRUCTURES WITH PARA-ARAMIDE YARN AT THE KNITTED FABRICS, WHICH ARE USED AT SPORTS TECHNICAL TEXTILES, GAMATEKS TEKSTİL SANAYİ VE TİCARET A.Ş., TURKEY.
25. RÜZGAR A., LIFE CYCLE ASSESSMENT OF A COTTON T-SHIRT, BUTEKOM, TURKEY.
26. SEÇİM KARAKAYA P., A VIEW OF WOOL FIBERS IN TERMS OF ORGANIC TEXTILE PRODUCTION, EGE UNIVERSITY, TURKEY.
27. ŞENGÖZ N.G., PHYSICAL PROPERTIES OF REGIONAL HAND-WOVEN FABRICS, UŞAK UNIVERSITY, TURKEY.
28. TEKOĞLU O., STUDY THERMAL PROPERTIES OF CHICKEN FEATHER FIBER AS FILLING MATERIAL, ERCİYES UNIVERSITY, TURKEY.
29. TUNCAY D., DECOLORIZATION OF REACTIVE YELLOW 15 TEXTILE DYE WITH BOLETUS EDULIS LACCASE IMMOBİLIZED ONTO MODIFIED RICE HUSKS, TRAKYA UNIVERSITY, TURKEY.
30. TURGUT YİĞEN A.P., PRODUCTION OF ESPUN NANOFIBER YARNS BY USING WATER BATH AS COLLECTOR, UŞAK UNIVERSITY, TURKEY.

- 31.** ÜREYEN M.E., EVALUATION OF FLAME RETARDANT PERFORMANCE OF COTTON FABRICS USING LOI, TGA AND MICRO-SCALE COMBUSTION CALORIMETRY, ANADOLU UNIVERSITY, TURKEY
- 32.** ÜSTÜN ÇETİN S., PERMEABILITY PROPERTIES OF R-PET FIBERS IN NON-WOVEN FABRICS USED IN THE CONSTRUCTION SECTOR, UŞAK UNIVERSITY, TURKEY.
- 33.** YAZICI P., SYNTHESIZE AND ELECTROCHEMICAL IMPEDANCE BEHAVIOUR OF NATURAL ARTICHOKE FIBER/PEDOT CONDUCTIVE COMPOSITES, İSTANBUL TECHNICAL UNIVERSITY, TURKEY.
- 34.** YAZICI P., SYNTHESIZE OF NATURAL ARTICHOKE FIBER/PCz CONDUCTIVE COMPOSITES, İSTANBUL TECHNICAL UNIVERSITY, TURKEY.
- 35.** YILDIRIM F.F., USING CELLULASE ENZYMES TO IMPROVE ANTI-PILLING PROPERTIES OF THE TOWELS, OZANTEKS TEKSTİL SAN. VE TİC. A.Ş., TURKEY.
- 36.** YILDIZ VARAN N., LIQUID ABSORPTIVITY OF THE DISPOSABLE POLYPROPYLENE NONWOVEN FABRICS FOR THE MEDICAL INDUSTRY, PAMUKKALE UNIVERSITY, TURKEY.
- 37.** YILMAZ E., COMPARISON OF WASHING RESISTANCE OF METALLIZED FILMS USED IN SILVERY YARN PRODUCTION, EGE UNIVERSITY, TURKEY.
- 38.** YILMAZ F., EVALUATION OF SEPARATION EFFICIENCY OF OIL/WATER EMULSION BY POLYPROPYLENE SPUNBOND NONWOVEN MEDIA, UŞAK UNIVERSITY, TURKEY.
- 39.** YÜKSEL H., REAL TIME VIRTUAL CLOTHING SIMULATION WITH MOTION SENSORS, SÜLEYMAN DEMİREL UNIVERSITY, TURKEY.

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20. YALÇIN ENİŞ İ., FIBROUS SCAFFOLDS FOR PERIPHERAL NERVE REGENERATION, İSTANBUL TECHNICAL UNIVERSITY, TURKEY.
21. YILMAZ F., RESPIRATORY PROTECTIVE EQUIPMENTS AND THEIR IMPORTANCE IN TERMS OF OCCUPATIONAL HEALTH AND SAFETY, UŞAK UNIVERSITY, TURKEY.

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