



ETT 2018

8th International İstanbul Textile Conference Evolution of Technical Textiles

8. Uluslararası
İstanbul Tekstil Konferansı
Teknik Tekstillerin Evrimi

14-16 | **Tüyap Fair and
Exhibition Center**
APRIL NİSAN | Tüyap Fuar ve
Kongre Merkezi

SCIENTIFIC PROGRAM

ETT2018 8. Uluslararası İstanbul Tekstil Konferansı, ITM 2018 Uluslararası Tekstil Makineleri Fuarı ve HIGHTEX 2018 7. Uluslararası Teknik Tekstiller ve Nonwoven Fuarı ile eş zamanlı olarak yapılacaktır.
ETT2018 8th International İstanbul Textile Conference will be held concurrently with ITM 2018 International Textile Machinery Exhibition and HIGHTEX 2018 7th International Technical Textiles & Nonwoven Trade Fair

PARTNERLER / PARTNERS



SATURDAY – 14 APRIL 2018

KARADENİZ HALL

08:00 – 09:00 Registration

09:00 – 09:30 Conference Opening Ceremony – With Welcome Speeches

PLENARY SESSION

KARADENİZ HALL

09:30 – 11:00

Chair Person: Prof.Dr. Mehmet Akalin <i>Marmara University, Turkey</i>		
ETT-K1	Prof.Dr. Thomas Gries	<i>RWTH Aachen University, Germany</i>
ETT-K2	Prof.Dr. Yusuf Menceloğlu	<i>Sabancı University, Turkey</i>
ETT-K3	Prof.Dr. Yusuf Ulcay	<i>Uludağ University, Turkey</i>
ETT-K4	Prof.Dr. Tanveer Hussain	<i>National Textile University, Pakistan</i>
ETT-K5	Prof.Dr. Tahir Shah	<i>National Textile University, Pakistan</i>

11:00 – 11:15 COFFEE BREAK

PARALLEL SESSIONS

KARADENİZ HALL

11:15 – 12:30 (Advances Design)

Chair Person: Prof. Dr. Dariush Semnani; <i>Isfahan University of Technology, Iran</i>		
ETT0034	<i>Bending Behavior of Nanoprepreg 3D Carbon/Epoxy MWCNT Composites</i>	<i>Kadir Bilisik</i> ; Department of Textiles, Erciyes University, Kayseri, Turkey
ETT0104	<i>Development of recycled acrylic fibers - A technical and economic approach</i>	<i>Sascha Schrieber</i> ; Institute for Textile Technology of RWTH Aachen University, Aachen, Germany
ETT0187	<i>Characterization of nylon based nanofiber membranes</i>	<i>Meltem Yanilmaz</i> ; Textile Engineering, Istanbul Technical University, İstanbul, Turkey
ETT0020	<i>The Dervish Sound Dress; a garment using wearable technology with sound vibrations</i>	<i>Hedy Hurban</i> ; Department of Art and Humanities, Plymouth University, Plymouth, U.K
ETT0048	<i>Carbon fibre precursor production with NaSCN(aq.) as a sustainable solvent</i>	<i>Stefan Peterek</i> ; Institute for Textile Technology of RWTH Aachen University, Aachen, Germany

SATURDAY – 14 APRIL 2018

MARMARA HALL

11:15 – 12:30 (Smart and Interactives)

Chair Person: Dr. Adnan Ahmed Mazari; Technical University of Liberec, Czech Republic		
ETT0056	<i>An Investigation of the Activation of Multi Colour Changing Photochromic Textiles</i>	<i>Dilusha Chathura De Zoysa Rajapakse;</i> School of Arts and Design, Nottingham Trent University, UK
ETT0057	<i>Schizophonic Machine: wearable schizo-interface, an exercise of possible listenings</i>	<i>Maria Lucilia Borges;</i> Journalism Department, Universidade Federal de Ouro Preto, Campus Mariana, Brazil
ETT0069	<i>Potential Use of 3D Printing Technology for Conductive Thread Assembly on Textiles</i>	<i>Nese Topcuoglu;</i> Istanbul Technical University
ETT0072	<i>Smart Water Vapour Permeability of Cellulose Nanowhisker Reinforced Thermo-moisture Responsive Polyurethane Nanocomposite Films</i>	<i>Nazife Korkmaz Memiş;</i> Department of Textile Engineering, Süleyman Demirel University, Isparta, Turkey
ETT0099	<i>Microencapsulation Of The Thermochromic System Prepared With Phenolphthalein Color Developer</i>	<i>Müyesser Selda Tözüm;</i> Department of Textile Engineering, Usak University, Usak, Turkey

BÜYÜKADA HALL

11:15 – 12:30 (Reinforcement Fibres)

Chair Person: Dr. Navneet Soin; The University of Bolton, the U.K.		
ETT0075	<i>Analysis of the stabilization process during carbon fiber manufacturing</i>	<i>Musa Akdere;</i> Institute for Textile Technology of RWTH Aachen University, Aachen, Germany
ETT0134	<i>Polyethylene based Carbon Fibers: Future Prospects and Challenges</i>	<i>Tim Alexander Röding;</i> Institut für Textiltechnik (ITA) der RWTH Aachen University, RWTH Aachen University, Aachen, Germany
ETT0169	<i>Effect of PVP addition on PVA/Boron Carbide Nanofibers by Electrostatic Spinning for Interactive Wound Dressing Application</i>	<i>Mehmet Fahri Sarac;</i> Department of Mechanical Engineering, Suleyman Demirel University, Isparta, Turkey.
ETT0221	<i>Investigation on the doping possibilities of microcapsules in solution spinning</i>	<i>Ismail Ivedi,;</i> Department of Textile Engineering, Dokuz Eylül University, Izmir, Turkey
ETT0178	<i>Effect of selected fire retardant additives on the flammability of epoxy resin for aircraft composites</i>	<i>Fadime Karaer;</i> Anadolu University, Faculty of Engineering, Eskişehir, Turkey

12:30 – 14:00 LUNCH – INTEREXPO HALL

SATURDAY – 14 APRIL 2018

PARALLEL SESSIONS

KARADENİZ HALL

14:00 – 15:15 (Surface Coating)

Chair Person: Dr. Amit Rawal; Indian Institute of Technology, Delhi (IITD), India		
ETT0051	<i>Effect of different coating conditions on sound insulation property of magnetite containing nonwoven materials</i>	<i>Ilhan Ozen</i> ; Department of Textile Engineering, Erciyes University, Kayseri, Turkey
ETT0070	<i>Plasma Grafting of Reactive B-Cyclodextrin onto the Cotton Fabric</i>	<i>Malihe Nazi</i> ; Department of Textile and Leather, Standard Research Institute, Karaj, Iran
ETT0115	<i>Application Of The Microcapsules With Reactive Shell To Modified Cotton Fabrics</i>	<i>Sennur Alay Aksoy</i> ; Textile Engineering, Suleyman Demirel University, Isparta, Turkey
ETT0172	<i>Investigation of the opportunity to use of silicone-based chemicals to be developed elasticity of the woven fabrics</i>	<i>Fatoş Ceren Akıncı</i> ; Matesa Textile R&D Center, Kahramanmaraş, Turkey
ETT0231	<i>Leather: Could it be an alternative liner for the prosthetic leg users?</i>	<i>Arife Candas Adigüzel Zengin</i> ; Ege University, Engineering Faculty, Leather Engineering Department, İzmir, Turkey

15:15– 15:30 COFFEE BREAK

15:30 – 16:45 (Ecological Textiles)

Chair Person: Sascha Schrieber; RWTH Aachen University, Germany		
ETT0242	<i>Nonwoven Based Innovative Self Sufficient Tent</i>	<i>Umut Burak Dalbudak</i> ; HASSAN Tekstil San ve Tic. A.S., Esenyurt, Istanbul, Turkey
ETT0017	<i>Cost efficient production of high performance carbon fibers</i>	<i>Franz Pursche</i> ; Institut für Textiltechnik (ITA) der RWTH Aachen University, Germany
ETT0028	<i>Utilizing an Alternative Paradigm for the Development of Bacterial Cellulose in the Textile and Apparel Industry</i>	<i>Luis Quijano</i> ; Department of Family and Consumer Sciences, Liberty University, Lynchburg, United States of America
ETT0039	<i>Improved Biobased Fibres For Clothing Applications</i>	<i>Maria Pilar Diego</i> ; Yünsa Worsted &Woolen Production And Trading Co.,Tekirdag, Turkey
ETT0050	<i>Greenhouse trials of agrotexile nonwoven structures possessing controlled water and fertilizer release properties</i>	<i>Gamze Okyay</i> ; Department of Textile Engineering, Erciyes University, Kayseri, Turkey

SATURDAY – 14 APRIL 2018

MARMARA HALL

14:00 – 15:15 (Surface Coating)

Chair Person: Prof.Dr. Erhan Öner; <i>Marmara University, Turkey</i>		
ETT0032	<i>Mechanical and Impact Properties of Packaging-Waste/E-Glass/Epoxy Sandwich Composites for Construction Applications</i>	Gaye Yolacan Kaya ; Department of Textile Engineering, Kahramanmaraş Sutcu Imam University, Kahramanmaraş, Turkey
ETT0009	<i>Bi-stretch woven fabrics with auxetic behavior</i>	Adeel Zulifqar ; <i>Institute of Textile and Clothing, Hong Kong Polytechnic University, Hong Kong</i>
ETT0049	<i>Combining Laser- and Textile-Technology for Just-in-Time production of Composites</i>	Sebastian Oppitz ; Composite Division, Institut für Textiltechnik of RWTH Aachen University
ETT0117	<i>The Smart Fabric Inspection Machines</i>	Serkan Boz ; Emel Akın Vocational High School, Ege Üniversitesi, Izmir, Turkey
ETT0095	<i>Effect of shear thickening fluids on mechanical properties of glass and carbon preforms for textile composites</i>	Erdem Selver ; Textile Engineering, Kahramanmaraş Sutcu Imam Uni. Turkey

15:15– 15:30 COFFEE BREAK

15:30 – 16:45 (Computer Technology for Textiles and Apparel)

Chair Person: Prof. Dr. Engr. Md. Humaun Kabir; <i>IBAIS University, Bangladesh</i>		
ETT0013	<i>Improving Pattern Design for Women's Upper Body Clothing</i>	Tanya Louise Dove ; Institute of Textiles and Clothing, Hong Kong Polytechnic University, Hong Kong
ETT0014	<i>The investigation of clothing fit using 3D virtual prototyping</i>	Kristina Ancutiene ; Department of production engineering, Kaunas university of technology, Kaunas, Lithuania
ETT0066	<i>Comparison of the Workplace through the String Diagram Method and Simulation Program in the Manufacturing of Apparel</i>	Mehmet Küçük ; Ege University, Engineering Faculty, Textile Engineering Department, Izmir, Turkey
ETT0078	<i>The Readiness of the Textiles and Apparel industry of Bangladesh-Vision 2021</i>	S M Farhana Iqbal ; Department Yarn Engineering, Bangladesh University of Textiles, Dhaka, Bangladesh
ETT0148	<i>The Effect Of Interlining On Properties Used In Fabric Modelling For 3d Virtual Garment Simulation And Compare Different Measurement Systems</i>	Selma Dolanbay Doğan ; Department of Textile Design, Selçuk University, Konya, Turkey

SATURDAY – 14 APRIL 2018

BÜYÜKADA HALL

14:00 – 15:15 (Nanotechnology)

Chair Person: Prof.Dr. Kadir Bilişik; Erciyes University, Turkey		
ETT0021	<i>Microwave energy-based fabrication of hierarchically structured carbon nanotube/fibrous material composites</i>	Selcuk Poyraz; Textile Engineering, Namik Kemal University, Tekirdag, Turkey
ETT0038	<i>PAN/AgNO3 Electrospun Nanofibers with Improved Conductivity for Sensor Applications</i>	Sebnem Duzyer; Textile Engineering Department, Uludag University, Bursa, Turkey
ETT0195	<i>Characterization of electrospun nanofibers coated spunbond nonwoven media</i>	Fulya Yilmaz; Department of Textile Engineering, Usak University, Turkey
ETT0094	<i>Development of a durable anti-microbial silica based nanoparticles treatment for textile for the healthcare industry</i>	Nadia Sid; Functional resin and coating, TWI Ltd, Cambridge, United Kingdom
ETT0102	<i>Electrospun Polyvinylidene Fluoride (PVDF) Nanofibers</i>	Derman Vatansever Bayramol; Department of Textile Engineering, Namik Kemal University, Tekirdağ, Turkey

15:15– 15:30 COFFEE BREAK

15:30 – 16:45 (Technical Textiles)

Chair Person: Dr.Ramazan Erdem; Akdeniz University, Turkey		
ETT0133	<i>Investigation Of Antibacterial Properties Of Polyurethane-Chlorhex Nanofibers Obtained By Electrospinning Method</i>	Erdem Tezcan; Istanbul Aydin University, Faculty of Engineering, Biomedical Engineering Department, Istanbul, Turkey
ETT0036	<i>Investigation of Sound Insulation Parameters of Nonwoven Surfaces Obtained From Chicken Feather Fibers Using Low Melt Fibers</i>	Süreyya Kocatepe; Department of Textile Engineering, Erciyes University, Kayseri, Turkey
ETT0058	<i>Thermophysiological comfort properties of car seat materials</i>	Funda Buyuk Mazari; Department of Clothing, Technical University of Liberec, Czech Republic
ETT0158	<i>Eco-friendly cotton fabric finishes using natural dyes</i>	Sondes Gargoubi; Laboratory of Textile Engineering - LGTex, University of Monastir, Monastir, Tunisia
ETT0193	<i>Investigation of Water Permeability of Ultrasonic Seaming on PU Coated Fabrics</i>	Ayşe Şevkan Macit; Textile Engineering Department, Uşak University, Uşak, Turkey

17:00 – 18:00 POSTER PRESENTATION SESSION

(First Part: 35 Posters; see details at the poster list)

* The poster presentation certificate will be given during the poster session.

* Poster Session Chairs: Dr. Mustafa Sabri Özen; Dr. Erhan Sancak; Dr. Muhammet Uzun

SUNDAY – 15 APRIL 2018

09:00 – 10:00 Registration

PLENARY SESSION

KARADENİZ HALL

09:00 – 11:00

Chair Person: Prof. Dr. Tanveer Hussain; <i>National Textile University, Pakistan</i>		
ETT-Invited-1	Dr. Amit Rawal	<i>Indian Institute of Technology, Delhi (IITD), India</i>
ETT-Invited-2	Prof. Dr. Dariush Semnani	<i>Isfahan University of Technology, Iran</i>
ETT-Invited-3	Prof. Dr. Gordana Colovic	<i>The College of Textile, Serbia</i>
ETT-Invited-4	Dr. Navneet Soin	<i>The University of Bolton, U.K</i>

11:00 – 11:15 COFFEE BREAK

PARALLEL SESSIONS

KARADENİZ HALL

11:15 – 12:30 (Medical Textiles)

Chair Person: Prof. Dr. Serdar Salman; <i>National Defense University, Turkey</i>		
ETT0085	<i>Investigation of the Permeability Properties of Commercially Available Reusable and Disposable Surgical Gowns</i>	Hatice Kübra Kaynak; Textile Engineering Department, Gaziantep University, Turkey
ETT0086	<i>Process Development For Controlling Of The Viscosity Increase Of The Ozonated Oils Used Medical Textiles</i>	Koray Pektaş; Textile Engineering Department, Kahramanmaraş Sutcu Imam University, Turkey
ETT0105	<i>Investigation barrier properties of Linear Low Density Polyethylene (LLDPE) spunbond fabrics</i>	Esin Sarioglu; Textile Engineering Engineering Faculty, Gaziantep University, Turkey
ETT0121	<i>Examination of a plant extract for smart wound dressings</i>	Ayben Pakolpakçil; Textile Engineering Department, Uludağ University, Bursa, Turkey
ETT0155	<i>The Investigation of Antimicrobial Properties of Ag–Alginate Coated Polyester/Viskose Nonwoven Fabric</i>	Kübra Yıldız; Department of Fashion Design, Sebinkarahisar School of Applied Science, Giresun University, Turkey

SUNDAY – 15 APRIL 2018

MARMARA HALL

11:15 – 12:30 (Smart and Interactives)

Chair Person: Tanya Louise Dove; Hong Kong Polytechnic University, Hong Kong		
ETT0100	<i>Polymerization and characterization of N-vinylcaprolactam based thermoresponsive polymers for textile applications</i>	Sena Demirbağ; Department of Textile Engineering, Usak University, Usak, Turkey
ETT0118	<i>Conductive Cotton Yarn For Wearable Electronics</i>	Demet Yılmaz; Department of Textile Engineering, Süleyman Demirel University
ETT0122	<i>Pressure Sensing Behaviour of PEDOT:PSS Coated Polyester Fabrics</i>	Ayşe Didem Erol; Textile Engineering, Kahramanmaraş Sutcu Imam University, Turkey
ETT0123	<i>Smart Costume Design With Wearable Electronics</i>	Merve Balkış; Fashion Design Department, Gazi University, Ankara, Turkey
ETT0136	<i>Temperature Sensing Behavior of PEDOT: PSS Coated Smart Textiles</i>	Hidayet Köse; Textile Engineering, Kahramanmaraş Sutcu Imam University, Turkey

BÜYÜKADA HALL

11:15 – 12:30 (Nanotechnology)

Chair Person: Prof. Dr. Gordana Colovic: The College of Textile, Serbia		
ETT0152	<i>Preparation and Cotton Fabric Applications of Chitosan-Silver Nanocomposite</i>	Merve Türemen; Department of Textile Engineering, Ege University, Turkey
ETT0173	<i>PVP/Gelatin/Lavander Essential Oil Based Nanofiber Production With Green Electrospinning Approach</i>	Hülya Kesici Güler; Department of Textile Engineering, Süleyman Demirel University, Isparta, Turkey
ETT0015	<i>Investigation on the effect of garment fit on thermal transfer performance of clothing by combining non-contact measuring tools</i>	Sertaç Güney; Department of Textile Engineering, Süleyman Demirel University, Isparta, Turkey
ETT0062	<i>Electrospinning of Composite Fibers with Luminescence Properties</i>	Ramazan Erdem; Textile Technologies, Akdeniz University, Antalya, Turkey
ETT0202	<i>Synthesis of PVC/ Zn2(NO2)3 nanofibers for the production of PVC/ ZnO hybrid nanofibers</i>	Yakup Aykut; Uludağ University, Bursa, Turkey

12:30 – 14:00 LUNCH - INTEREXPO HALL

SUNDAY – 15 APRIL 2018

KARADENİZ HALL

14:00 – 15:15 (Advances Design)

Chair Person: Dr. İlhan Ozen; Erciyes University, Turkey		
ETT0045	<i>Improving Liquid Transfer Performance of Cotton Woven Fabrics Woven with Different Constructional Parameters</i>	Büşra Özkan ; Uludag University, Textile Engineering Department, Bursa, Turkey
ETT0068	<i>Cultural Sustainability In Textile: Checked Fabric Of Malatya</i>	Hilal Bilgiç ; Yeşilyurt Vocational School, İnönü University, Malatya, Turkey
ETT0088	<i>Properties of Weft Knitted Fabrics Made from Dual Core-Spun Yarns</i>	Abd Elmonem Faheem Fouda ; Textile Engineering Department, Faculty of Engineering, Mansoura University, Mansoura, Egypt
ETT0089	<i>Effect of Lateral Fabric Resistance on The Axial Compressive Force of The Industrial Sewing Needle</i>	Ibrahim El Hawarry ; Alexandria University, Faculty of Engineering, Textile Engineer, Egypt
ETT0114	<i>A Study About The Effect Of Dual-Core And Core Materials On Yarn And Some Fabric Properties</i>	Sevim Hümeyra Çelikkan ; Department of Textile Engineering, Süleyman Demirel University, Turkey

15:15– 15:30 COFFEE BREAK

15:30 – 16:45 (Ecological Textiles)

Chair Person: Musa Akdere; RWTH Aachen University, Aachen, Germany		
ETT0083	<i>Multidirectional Investigation Of Organic Cotton Fabrics Dyed With Gall Oak</i>	Emine Torgan Güzel ; Gazi University, Institute of Fine Arts, Ankara, Turkey
ETT0092	<i>Dyeing of Silk Fabric with Natural Dye Extracted from Leaves and Stem Bark of Dalbergia sisso</i>	Muhammad Tahir Hussain ; Department of Applied Sciences, National Textile University, Faisalabad, Pakistan
ETT0012	<i>Optimization of ring spinning process parameters of cotton yarn</i>	Mohammad Ali Zeeshan ; Baluchistan University, Quetta
ETT0157	<i>Textile-Based Wearable Pedometer</i>	Asli Atalay ; Department of Textile Engineering, Marmara University, Istanbul, Turkey
ETT0082	<i>Reproduction Of The Ottoman Palace Fabrics Using Natural Dyes</i>	Recep Karadağ ; Marmara University, Faculty of Fine Arts, Textile Department, Natural Dyes Laboratory

SUNDAY – 15 APRIL 2018

MARMARA HALL

14:00 – 15:15 (Composite Materials)

Chair Person: Stefan Peterek; RWTH Aachen University, Aachen, Germany		
ETT0124	<i>Design of an Alternative Heat Insulation Wall Fabric With Hot Melt Adhesives in Different Forms</i>	Ayse Özkal; Department of Textile Engineering, Pamukkale University, Denizli, Turkey
ETT0128	<i>Utilizing Recycled High Density Polyethylene Caps of Polyethylene Terephthalate Bottles in Composite Plates</i>	Ipek Yalçın Eniş; Department of Textile Engineering, Istanbul Technical University, Istanbul, Turkey
ETT0168	<i>How Mathematical Models Can Improve Process Chain Designing</i>	Florian Brillowski; Institute for Textile Technology of RWTH Aachen University, Aachen, Germany
ETT0174	<i>Selection method for grippers for handling of reinforcing textiles in automated composite process chains</i>	Hans Christian Frueh; Institut für Textiltechnik, RWTH Aachen University, Aachen, Deutschland
ETT0207	<i>Investigation on SO₂ Adsorption Capacity of Graphene Oxide Fibers with Activated Carbon Particles and Metal Salt</i>	Pelin Altay; Istanbul Technical University, Textile Engineering Department, Istanbul, Turkey

15:15– 15:30 COFFEE BREAK

15:30 – 16:45 (Computer Technology for Textiles and Apparel)

Chair Person: Dr. Gülden Turhan; Marmara University		
ETT0041	<i>An Automatic Mechatronic System Design for Powder Dyestuff Systems in Textile Industry</i>	Ozgur Turay Kaymakci; Yildiz Technical University, İstanbul, Turkey
ETT0044	<i>Methods of line balancing in garment industry: review paper</i>	Ibrahim Abdo Elhawary; Department of Textile, Alexandria University, Faculty of Engineering, Alexandria, Egypt.
ETT0090	<i>Novel techniques to analyse the comfort of car seats</i>	Adnan Ahmed Mazari; Department of Clothing, Technical University of Liberec, Czech Republic
ETT0067	<i>The Effects of Different Types of MWCNTs on the Mechanical Properties of Textile-Based Composites</i>	Hande Sezgin; Department of Textile Engineering, Istanbul Technical Uni., Turkey
ETT0147	<i>3D Revolution in the Fashion Industry</i>	Candan Ayla; Department of Fashion and Textile, Faculty of Fine Arts and Architecture, Gedik University, Istanbul, Turkey

SUNDAY – 15 APRIL 2018

BÜYÜKADA HALL

14:00 – 15:15 (Protective Textiles and Composite Materials)

Chair Person: Prof.Dr.Mustafa E. Üreyen; <i>Anadolu University</i>		
ETT0065	<i>Improving the Water Resistance of Filament Woven Fabrics with Microfilament Yarns</i>	Maher Alsayed ; Textile Engineering Department, Gaziantep University, Turkey
ETT0177	<i>Sound Absorbing Properties of Nonwoven Fabrics Produced from Biofibres for Automotive Applications</i>	Mustafa Sabri Özen ; Department of Textile Engineering, Marmara University, Technology Faculty, Istanbul, Turkey
ETT0198	<i>Potential of Using Sandwich Panels of Flax Fibers Waste in Thermal Insulation and Other Applications</i>	Alaa Arafa Badr ; Textile Engineering Department, Faculty of Engineering, Alexandria University, Egypt
ETT0064	<i>The globalization of the Egyptian cotton industry quality via the engineering units, part2: the impact of the latest Egyptian cottons generation on the yarn quality factor</i>	Ibrahim Abdou Elhawary ; Textile Engineering Department, Alexandria University, Egypt
ETT0132	<i>Investigation Of Antibacterial Properties of PVA/Gelatin/ Benzalkonium Chloride Composite Nanofibers Obtained By Electrospinning Method</i>	Onur Yolay ; Department of Nutrition and Dietetics, Istanbul Aydin University, Istanbul, TURKEY

15:15– 15:30 COFFEE BREAK

15:30 – 16:45 (Biologically Inspired Textiles and Technical Textiles)

Chair Person: Dr. Muhammad Tahir; <i>National Textile University, Faisalabad, Pakistan</i>		
ETT0084	<i>Lotus Effect Inspired Materials: Contact Angle Validation on Modified Ramie Yarn for Self-Cleaning Textile</i>	Adi Surya ; Materials Science and Engineering Department, Institut Teknologi Bandung, West Java 40132, Indonesia
ETT0175	<i>Microclimate regulation with spacer fabrics</i>	Musa Akdere ; Institute for Textile Technology of RWTH Aachen University, Aachen, Germany
ETT0037	<i>Investigation on Unevenness, Hairiness And Frictional Properties of Some Regenerated Cellulosic Yarns</i>	Oğuz Demiryürek ; Textile Engineering Department, Erciyes University, Kayseri, Turkey
ETT0140	<i>Sensory carbon rovings used for leakage detection in water pipes made of textile reinforced concrete</i>	Gözdem Dittel ; Institut für Textiltechnik, RWTH Aachen University, Aachen, Germany
ETT0143	<i>Investigation of thermal degradation of Wool/PA blends by TGA and MCC</i>	Elif Kaynak ; Anadolu University, Faculty of Engineering, Chemical Engineering Department, Eskişehir, Turkey

17:00 – 18:00 POSTER PRESENTATION

(Second Part: 30 Posters; see details at the poster list)

* The poster presentation certificate will be given during the poster session.

* Poster Session Chairs: Dr. Mustafa Sabri Özen; Dr. Erhan Sancak; Dr. Muhammet Uzun

18:30 – 20:30 COCTAIL AND GALA DINNER - INTEREXPO HALL

MONDAY – 16 APRIL 2018

PARALLEL SESSIONS **KARADENİZ HALL**

10:00 – 11:15 (Technical Textiles)

Chair Person: Prof.Dr. Müge Yükseloğlu; Marmara University		
ETT0125	<i>An Investigation on Thermal Conductivity Properties of Epoxy Based Twill Fabrics Carbon Composites</i>	<i>Oğuz Eryilmaz; Department of Textile Engineering, Marmara University, Istanbul, Turkey</i>
ETT0131	<i>Artistic Design With Technical Textiles</i>	<i>Çimen Bayburtlu; Marmara University, İstanbul, Turkey</i>
ETT0154	<i>Perspective Of Printing Industry To The Technical Textiles: Wallpaper</i>	<i>Gülhan Acar Büyükpehlivan; Marmara University, İstanbul, Turkey</i>
ETT0058	<i>Analyzing the Effect of Air Gap Created by Insertion of Shape Memory Alloy Springs Between Fabric Layers of Protective Clothing Against Convective and Radiant Heat</i>	<i>Elif Yilmaz; Emel Akın Vocational School, Ege University, Izmir, Turkey</i>

MARMARA HALL

10:00 – 11:15 (Technical Textiles)

Chair Person: Dr. Mustafa Sabri Özen; Marmara University		
ETT0162	<i>Level of Recognition of Technical Textile Terms by University Students</i>	<i>Gülden Turhan; Department of Textile Engineering, Marmara University, Istanbul, Turkey</i>
ETT0146	<i>Electronic Textiles (E-Textile)</i>	<i>Tuğçe İşgören; Institute of Pure and Applied Science, Marmara University, Istanbul, Turkey</i>
ETT0101	<i>Historical Development of Swimsuit as a Textile Product and Its Effects on Swimming Performance</i>	<i>Ismail Yüce; Trakya University, Edirne, Turkey</i>
ETT0159	<i>Ultrasonic assisted surface treatment of okra fibers</i>	<i>Büşra Ardıç; Department of Polymer Science and Technology, Marmara University, Istanbul</i>

MONDAY – 16 APRIL 2018

BÜYÜKADA HALL

10:00 – 11:15 Student Presentation Section

Chair Person: Dr. Erhan Sancak; Marmara University		
ETT0120	<i>A Review on Bio-Nanofiber Membranes with Herbal Extract Blends</i>	<i>Nişen Sünter Eroğlu;</i> Institute of Pure and Applied Science, Marmara University, Istanbul,Turkey
ETT0129	<i>Antibacterial Properties Of Poliurethane / Benzalkonium Chloride Nanofibers</i>	<i>Ayşe Feyza Arslan;</i> Institute of Pure and Applied Science, Marmara University, Istanbul,Turkey
ETT0225	<i>Stab and Slash Resistance in Protective Garments</i>	<i>Abdulkadir Pars;</i> Institute of Pure and Applied Science, Marmara University, Goztepe, Istanbul,Turkey
ETT0229	<i>Production and Characterization of Cartilage Tissue Scaffolds by 3D Printing</i>	<i>Fatma Betül Erdiler;</i> Department of Bioengineering, Faculty of Engineering, Marmara University, Goztepe, İstanbul, Turkey

KARADENİZ HALL

11:30-12:00 ETT2018 Conference Closing Ceremony

**12:00-17:00 ITM2018 and HIGHTEX 2018 Exhibitions
Technical Visit Free Session**

POSTERS - SATURDAY – 14 APRIL 2018

[P-0010] - Comparison of Virtual Try-On in Different 3D Virtual Garment Simulations

Sertaç Güney¹, Kristina Ancutiene², Fatma Gürsoy³, Ibrahim Üçgül¹

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[P-0026] - A comparison Between the Manual Method and the 3D Programs in the Preparation of Models Draping on the Dress Form

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[P-0030] - “Utilizing the Aesthetics of AI Musannaf Using 3D Techniques in Design on the Mannequin”

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[P-0031] - Utilizing the Aesthetics of AI Musannaf Using 3D Techniques in Design On the Modeling”

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[P-0043] - Polyethylene based carbon fiber costing

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[P-0053] - Modular machine set-up for the production of split tows and hybrid rovings

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Kourosh Sayar Dogahe, Mohammad Haghghat Kish, Somaye Akbari

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[P-0055] - Polyethylene Terephthalate (PET) Based Nanofibrous Vascular Access

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[P-0061] - The Effectiveness of using Camera in entering of Clothing Pattern on Graphics Programs

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[P-0071] - Composite Nanostructures in Energy Applications

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[P-0073] - The Effect of Cross-linking Agent on the Efficiency of Immobilized B-Cyclodextrins on Cotton

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[P-0074] - Investigation of the oil absorption of keratin-polypropylene composite

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[P-0087] - Effects of drought stress in the presence of agrotexile material possessing high water absorption capacity and controlled fertilizer release property

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[P-0093] - In situ thermoplastic coating of melt spun glass fibres

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[P-0135] - One Bath Dyeing of PBT/Nylon Blended Seamless Fabrics

Fatma Filiz Yıldırım, Esra Gelgeç, Şaban Yumru, Mustafa Çörekciöğlü

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Fatma Çitoğlu

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Suleyman Serdar Pazarlioglu, Serdar Salman
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[P-0151] - The Role of Textile Sector in Personal Protective Equipments

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[P-0165] - Price perceptions for smart textile products according to different economic indicators

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[P-0166] - Effect of microwave energy on sound absorption of chemical treated agricultural fibers

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[P-0197] - Virtual 3D prototyping between fashion design and modern garments production

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Ramazan Gömeç, Hasan Sağır

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Murat Bozkurt, Abdulkadir Yagiz

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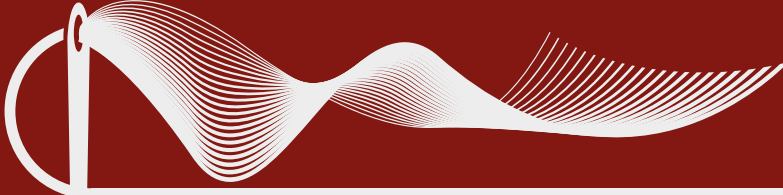
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[P-0243] - Printability of Bamboo Jersey Fabrics in Thermal Transfer Printing System

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