

09:00-10:00	OPENING SESSION				
10:00-10:30	PLENARY SESSION: Anna Diamantopoulou Diktyo - Network for Reform in Greece and Europe. Greece Innovating traditional sectors. Attracting investments, achieving growth in Europe				
10:30-11:00	COFFEE BREAK – POSTER SESSION				
	KERKYRA HALL	NAYSIKA HALL	LEFKAS HALL	ITHACA HALL	KEFALONIA HALL
	SESSION 1A 06. Smart, Interactive and Multifunctional Textiles	SESSION 1B 02. Innovative Functional Textiles	SESSION 1C 05. Medical Textiles, Tissue Engineering, Implants	SESSION 1D 03. Technical Textiles, Composites and Membranes	SESSION 1E 19. Ecol. and Env. Textiles, Recycling and Life Cycle Analysis
11:00-11:15	Ana Marija Grancaric University of Zagreb – Croatia Electrical resistance of textile sensors depending on climatic conditions	Vladan Koncar ENSAIT-France Woven metamaterials with an electromagnetic phase-advance for selective shielding	Dominique Adolphe University of Haute-Alsace- France Development of Electrospun Composite as Substitutive Diaphragm Membrane	Krste Dimitrovski University of Ljubljana-Slovenia Use of air permeability for determination of equivalent average pore diameter in woven fabrics	Jean-Yves DREAN University of Haute-Alsace- France Study of Mechanical Properties of Hemp Fibres as a Function of Separation Techniques
11:15-11:30	Laurence Schacher University of Haute-Alsace- France Smart wheelchair: integration of multiple sensors	Prakash Khude Indian Institute of Technology-India Influence of fibre, yarn and knitting parameters on antibacterial properties of fabrics made from polyester-silver nanocomposite fibers	Deepti Gupta IIT Delhi-India Bacterial contamination of nurses' white coats in an Indian hospital	Christopher Pastore Philadelphia University-USA Tailored Material Properties using Textile Composites	Alenka Pavko Cuden University of Ljubljana-Slovenija Multiple faces of contemporary hand knitting
11:30-11:45	Marina Normann Niederrhein University of Applied Sciences-Germany Development of 2D and 3D structured textile batteries processing conductive material with Tailored Fibre Placement (TFP)	Heloisa Nazare dos Santos State University of Minas Gerais-Brazil Thermal comfort of a sport footwear with insole made of ethyl vinyl acetate and natural wool felt	Tomas Pitucha Contipro a. s.-Czech Republic Textile structures from hyaluronan based core-shell fibers	Yong Kim University of Massachusetts Dartmouth-USA Impact behavior of auxetic Kevlar®/ epoxy composites	Sevcan Ustun Cetin USAK University-Turkey Physical and mechanical properties of recycled pet non-woven fabrics for construction
11:45-12:00	Amanda Myers North Carolina State University-USA Effects of thermal energy harvesting on the human – clothing – body microsystem	Teresa Miranda University of Minho-Portugal Soil-release behaviour of polyester fabrics after chemical modification with polyethylene glycol	Cezar-Doru Radu Technical University of Iasi-România The potential of improving medical textile for cutaneous diseases	Francois Boussu ENSAIT-France Innovative monitoring of 3D warp interlock fabric during forming process	Gonca Alan USAK University-Turkey A comparative study on puncture resistance performances of recycled and original needlepunched nonwoven geotextiles
12:00-12:15	Anaëlle Talbourdet ENSAIT, GEMTEX-France Development of mono-component and tri-component fibers 100% polymer based piezoelectric PVDF to harvest energy	Hatem Gaafar Zagazig University-Egypt Synthesis, Solvatochromism, Antibacterial Activity and Dyeing Performance of Tricyanofuran-Hydrazone	Laima Muralienė Kaunas University of Technology-Lithuania Analysis of rigid elements caused compression class changes of knitted orthopaedic supports	Sven Roth Lodz University of Technology-Poland Woven reinforced composites for improving the design of the hyperextension brace	Qasim Siddiqui BUITEMS University Quetta- Pakistan Washing durability of natural antimicrobial finishes extracted from citrus fruits waste applied on cotton fabric
12:15-12:30	Tarun Kumar Agrawal Saxion University of Applied Sciences-the Netherlands Implementing traceability using particle randomness based textile printed tags	Dongwoo Go Tokyo Institute of Technology-Japan Differentiation of molecular chain entanglement structure through laser Raman spectrum measurement of high strength PET fibers under stress	Helena Felgueiras University of Minho-Portugal Electrospun polymeric dressings with tuned collagen type I and antimicrobial peptides activities for enhanced wound healing	Imen Gnaba ENSAIT-France Literature review of preform reinforcement for thick composite with complex shape	Sureyya Kocatepe Erciyes University-Turkey Investigation some characteristics of chicken feather's rachis
12:30-12:45	Melkie Getnet Tadesse University of Borås-Sweden Electromechanical properties of polyamide/lycra fabric treated with PEDOT:PSS	Arun Aneja East Carolina University-USA Infusion Vs Diffusion - Novel Approach to Fiber Modification	Donia Chetouane Technical University of Iasi-Romania Hydrophilic -impermeable modified polyethylene terephthalate for selective endothelialisation	Mahadev Bar Indian Institute of Technology-India Effect of interphase and yarn twist on natural fibre reinforced thermoplastic composites	Julia Baruque-Ramos University of Sao Paulo-Brazil Social and economic importance of textile reuse and recycling in Brazil
12:45-13:00	Hardianto Hardianto Ghent University-Belgium Removing nickel from nickel-coated carbon fibers	Elizabeth Amir Shenkar College of Engineering and Design-Israel Electro-conductive textile based on organic polymers	Judith Hahn Leibniz-Institut für Polymerforschung Dresden-Germany Stress adapted embroidered meshes with a graded pattern design for abdominal wall hernia repair	Yasir Nawab National Textile University-Pakistan Development of novel 3D hybrid woven structures for improved mechanical performance	Rattanaphol Mongkholrattanasit Rajamangala University of Technology Phra Nakhon-Thailand Silk fabric dyeing with natural indigo using pad dyeing techniques
13:00-14:00	LUNCH				
14:00-14:30	PLENARY SESSION: Ch. Cherif Technical University of Dresden-Germany Revolutionizing the Construction Industry by Using Carbon Concrete Composites - Resource-friendly - Slender construction - Beauty -				
	SESSION 2A 01. Advanced Fibres and Materials	SESSION 2B 16. Fashion – Design and Garment Industry	SESSION 2C 06. Smart, Interactive and Multifunctional Textiles	SESSION 2D 11. Surface Functionalisation and Coating	SESSION 2E 19. Ecol. and Env. Textiles, Recycling and Life Cycle Analysis
14:30-14:45	E. Perrin Akcakoca Kumbasar Ege University-Turkey Exergy analysis of encapsulation of photochromic dye by spray drying	Sanjay Gupta World University of Design-India Design of assistive garment for Kangaroo Mother Care	Helder Carvalho University of Minho-Portugal Flexible force sensors for e-textiles	Merve Kucuk Marmara University-Turkey Sol-Gel Synthesis of SiO2 and ZnO Nanoparticles Applied to Cotton Fabric Surface	Pramod Agrawal Saxion University of Applied Sciences-The Netherlands Towards reinforcement solutions for urban fibre/fabric waste using bio-based biodegradable resins
14:45-15:00	Sandra Bischof University of Zagreb -Croatia Enhancement of Spartium junceum L. fibres properties	Alenka Pavko Cuden University of Ljubljana-Slovenija Fashion in the golden age of Yugoslavian 20th century textile and clothing industry	André Catarino University of Minho-Portugal Effect of Structure and Raw Material on the Design of a Textile Based Resistive Humidity Sensor	Claudio Colleoni University of Bergamo-Italy Ceramic coatings for water-repellent textiles	Mohamed El Wazna University Hassan II-Morocco Thermo physical characterization of sustainable insulation materials made from textiles waste
15:00-15:15	Ibrahim Abdou Elhawary Alexandria University-Egypt The globalization of the Egyptian cotton industry quality via the engineering units. Part1: The engineering Egyptian cotton quality-crop 2015	Cevza Candan Arcelik A.S.-Turkey A slow fashion design model for denim jeans using house of quality approach	P. Sam Vimal Rajkumar ALAGAPPA University-India Development of smart garment with mobile communication	Sule Ugur Suleyman Demirel University-Turkey Development of self-cleaning denim fabrics	Ajoy Sarkar Fashion Institute of Technology-USA Hemp Fiber for Furnishing Applications
15:15-15:30	Hafsa Jamshaid National Textile University-Pakistan Flame-resistant pure and hybrid woven fabrics from basalt	Francisca Dantas Mendes University of Sao Paulo-Brasil Life Cycle Design and Design Management Strategies in Fashion Apparel Manufacturing	Teresa Miranda University of Minho-Portugal A Comparative Thermophysiological Study in Tops for Running	Fabio Scacchetti UTFPR / UMINHO-Portugal A multifunctional cotton fabric using TiO2 and PCMs: introducing thermal comfort and self-cleaning properties	Alessandra Giacomini University of Sao Paulo-Brasil Silk industry and carbon footprint mitigation
15:30-15:45	Shahram Arbab Amirkabir University of Technology-Iran A novel method for determination of occurrence order of stabilization reactions in carbon fiber precursor	Efthymia Evgeniadou Showroom10-Greece Showroom10: Greek designers showroom	Vera, Ziqian Bai Donghua University-China The interactive optical fiber fabrics for smart interior environment	Antonio Souto University of Minho-Portugal Plasma-assisted deposition of microcapsule containing Aloe vera extract for cosmeo-textiles	Jan Broda University of Bielsko-Biala -Poland Application of recycled fibres and geotextiles in the stabilisation of steep slopes
15:45-16:00	Hamza Bouguessir Larbi Tebessi TebessaUniversity-Algeria Mechanical and Durability Characteristics of externally GFRP reinforced Unsaturated Polyester Polymer Concrete	Athanasia Tsatsarou Piraeus University of Applied Sciences- Romanian traditional motif-element of modernity in clothing	Bonet Aracil Universitat Politècnica de Valencia-Spain Sound absorption of textile material using a microfibres resistive layer	Jelena Vasiljevic University of Ljubljana-Slovenia Influence of crosslinker structure on performance of hybrid sol-gel film	Mujgan Nayci Duman Marmara University-Turkey Nonwoven production from agricultural okra wastes and investigation of their thermal conductivities
16:00-16:15	Sunghoon Jeong Hanyang University-Korea(South) Design of electrical heating nonwoven fabric by multi-walled carbon nanotubes	Nazan Erdumlu Instabul Technical University-Turkey Analysing the consumer behaviour and the influence of brand loyalty in purchasing sportswear products	Dong Wang ENSAIT-France A nanofiber based artificial electronic skin	Sara Vecchiato Austrian Centre of Industrial Biotechnology (ACIB)-Austria Enzymatic functionalization of HMLS-polyethylene terephthalate fabrics improves the adhesion to rubber in rubber composites	Maria Teresa Pessoa de Amorim University of Minho-Portugal Life Cycle Assessment of Flame Retardant Woven Fabrics
16:15-16:30	Jiaping Zhang Shinshu University-Japan Cellulose regeneration from ionic liquid/co-solvent systems	Christine Loercher Hohenstein Institut fuer Textilinnovation-Germany Motion-oriented 3D analysis of body measurements	Raziye Atakan Istanbul Technical University-Turkey Design of an Electronic Chest-Band	S. Ilker Mistik Marmara University -Turkey Effect of ecological surface treatment method on friction strength properties of nettle (Urtica dioica) fibre yarns	Francisca Dantas Mendes University of Sao Paulo-Brasil Fashion garment manufacturing – FGM and cyclability theory
16:30-17:00	COFFEE BREAK – POSTER SESSION				
	SESSION 3A 09. Nanotechnology, Nanotextiles, Electrospinning	SESSION 3B 03. Technical Textiles, Composites and Membranes + 12. Textile and Clothing Machinery	SESSION 3C 04. Protective Textiles	SESSION 3D 13. Textile Testing, Measuring Technology	SESSION 3E 20. Textile Economy, Textile Supply Chain Management
17:00-17:15	Luis Almeida University of Minho-Portugal Health and safety concerns of textiles with nanomaterials	Raziyeh Salehi Amirkabir University of Technology-Iran Preparation of activated carbon fabrics from cotton fabric precursor	Ana Marija Grancaric University of Zagreb-Croatia Azalide based compound for Antimicrobial Protection of Bamboo/Cotton and Silver/Cotton Knitted Fabrics	Dalal Mohamed ESITH-Morocco Apparatus for measuring the shear properties of reinforcements	Ali Maralcan Namik Kemal University-Turkey Operations management tools to be applied for textile
17:15-17:30	E. Perrin Akcakoca Kumbasar Ege University-Turkey Electrospun nanofiber membranes for adsorption of dye molecules from textile wastewater	Fernando Cunha University of Minho-Portugal Development of synthetic fibre reinforced polypropylene composites for the automotive industry	Konstantinos Andrikopoulos FORTH/ICE-HT - Greece The structure of materials before and after ballistic/stab tests on novel protective body armours	Mohammad Abu-Rous Lenzing AG-Austria Handle properties of fabrics made from wood-based fibers measured by a new physical method	Francisca Dantas Mendes University of Sao Paulo-Brasil Quality management tools: a strategic differential for sustainability in the production of fashionable clothing
17:30-17:45	Nuno Belino University of Beira Interior-Portugal Development of an Electrospinning Drafting System	Fernando Cunha University of Minho-Portugal Multi-layer structures with thermal and acoustic properties for building rehabilitation	Andre West North Carolina State University College of Textile-USA Novel spacer textiles for insect control in plant food production	Ivete Cattani University of Sao Paulo-Brazil Brazilian buriti fibers (Mauritia flexuosa Mart.): physicochemical characterization and textile potential	Ke Ma ENSAIT-France Simulation modelling of central order processing system under resource sharing strategy in demand-driven garment supply chains
17:45-18:00	Francis Chindeka Rhodes University-South Africa Design and fabrication of Transparent Conductive Electrodes and Dye-Sensitized Solar Cells (DSSC)	Quentin Bollengier Technical University of Dresden-Germany One-step manufacturing of innovative flat-knitted 3D net-shape preforms for composite applications	Mulat Alubel Abtew ENSAIT, GEMTEX-France Experimental investigations of ballistic performance of 2D woven and 3D warp interlock fabric hybrid/non-hybrid panels for female soft body armour design.	Shaimaa El-Tarfawy Alexandria University-Egypt Study the relation between the yarn pulling force and the bursting strength of single jersey knitted fabric	Rudrajeet Pal University of Boras-Sweden Sustainable value creation through new industrial supply chains in apparel and fashion
18:00-18:15	Adriana Restrepo-Osorio Universidad Pontificia Bolivariana-Colombia Evaluation of mechanical and sewability properties of bacterial cellulose	Andreas Munkel RWTH Aachen-Germany Development and testing of a relay nozzle concept for air-jet weaving		Halil Ibrahim Celik Gaziantep University-Turkey An investigation on effect of elastane draw ratio on air permeability of denim fabrics	

09:00-09:30	PLENARY SESSION: Xungai Wang Deakin University, Australia Advanced Fibre and Textile Materials Research in Australia				
	KERKYRA HALL	NAYSIKA HALL	LEFKAS HALL	ITHACA HALL	KEFALONIA HALL
	SESSION 4A 06. Smart, Interactive and Multifunctional Textiles	SESSION 4B 08. Innovative Textile Structures	SESSION 4C 19. Ecological & Env. Textiles, Recycling and Life Cycle Analysis	SESSION 4D 21. Innovation and Entrepreneurship	SESSION 4E 15. Modelling and Simulation
09:30-09:45	Sina Seipel University of Borås-Sweden Characterization and optimization of an inkjet-printed smart textile UV-sensor cured with UV-LED light	Amit Rawal Indian Institute of Technology-India Design strategy for creating nonwoven materials with out-of-plane auxetic behavior over large deformations	Sidra Saleemi University of the Punjab-Pakistan A green approach to diminish formaldehyde content in pigment printing	Rebecca Earley University of the Arts London-UK Postcards from Across Europe: Exploring the Edges of Innovation, Regenerated Fibre Development and Design Driven Material Innovation	Eren Oner Usak University-Turkey Simulation of the pile loop for terry woven fabrics
09:45-10:00	Manel Beldi ENSAIT-France Electrical and ionic resistivity of woven textile fabrics	Vijay Baheti Technical University of Liberec-Czech Republic Porous and electrically conductive activated carbon web for effective EMI shielding applications	Jens Oelerich Saxion University of Applied Sciences-The Netherlands The life cycle assessment of dissolving pulp from waste cotton as feedstock via the SaXcell™ process.	Saumen Mapdar Ministry of Textiles-India "How the Competitiveness & Sustainable development is reality through Livelihood Development & Income Increment In Textiles MSMEs By Cluster Based Approach?-	Nicholus Tayari Akankwasa Donghua University-China Finite volume analysis of airflow field in the dual-feed and conventional rotor spinning unit
10:00-10:15	Ilda Kazani Polytechnic University of Tirana,Albania Investigation of the influence of heat transfer on screen printed textile transmission lines	Ivelin Rahnev TU-Sofia-Bulgaria Isotropy equilibrium of the double woven fabric with cotton face and wool reverse fibrous compositions	P. Sam Vimal Rajkumar Alagappa University-India Development and Characterization of Synthetic Non-woven for Sound Absorption	A Blanton Godfrey North Carolina State University-USA Innovation, Entrepreneurship and Textiles	Ying Wu Donghua University-China Investigation of the impact of weave repeat on woven fabric texture characterization using dictionary learning
10:15-10:30	Carsten Grassmann Niederrhein University of Applied Sciences-Germany Textile sensors for stab and cut detection	Duy Minh Phuong Vo TU Dresden-Germany 2D net shape weaving for cost effective manufacture of textile reinforced composites	Melissa Monika Wagner ENSAIT-France Fashion Design Solutions for Environmentally Conscious Consumers		Xu Yanni ENSAIT-France Comprehensive evaluation of garment assembly line with simulation
10:30-11:00	COFFEE BREAK – POSTER SESSION				
	SESSION 5A 01. Advanced Fibres and Materials + 05. Medical Textiles	SESSION 5B 16. Fashion – Design and Garment Industry	SESSION 5C 11. Surface Functionalisation and Coating	SESSION 5D 13. Textile Testing, Measuring Technology	SESSION 5E 03. Technical Textiles, Composites and Membranes
11:00-11:15	Kasthuri Venkatesh Technical University of Liberec-Czech Republic Mechanical characteristics of kevlar and basalt high performance fabrics	Alison Gault Ulster University-Northern Ireland An Investigation into Creative Design Methodologies for Textiles and Fashion Education	Boukhriss Aicha ESITH-Maroc Treatment of Cotton Fabrics by Ionic Liquid With PF6- Anion for Enhancing Their Flame Retardancy and Water Repellency.	Mansoureh Ghanbar Afjeh Amirkabir University of Technology-Iran Comparison of the spectral and colorimetric behaviour of various madders used in the Persian carpet	Mehmet Karahan Uludag University-Turkey Characterization of Natural Fiber Woven Fabrics for Green Composites
11:15-11:30	Evelyn Lempa Niederrhein University- Germany Evaluation of the morphology of metal particles in intrinsic conductive polymer dispersion for digital printing	Mariana Costa Laktim University of Sao Paulo-Brazil Trousseau: economic and design evolution from the second half of 20th century in Brazil	Olivera Sauperl University of Maribor-Slovenia Antimicrobial-antioxidative functionalization of viscose: Conventional compounds versus natural	Recep Turkey Kocaman TU Dresden-Germany In situ determination of pore sizes of high density polyester woven fabrics under biaxial loading	Thomas Koehler RWTH Aachen-Germany High strength and low weight hollow carbon fibres
11:30-11:45	Sultanov Karim Academy of Sciences -Uzbekistan Nonlinear Elastic-Viscoplastic Law of Cotton Yarn Deformation	Canan Saricam Instabul Technical University-Turkey Determination of consumer awareness about sustainable fashion	Graca Soares University of Minho-Portugal New PVC-based synthetic leather to more comfortable and sustainable vehicles	Lukas Pfarr Johannes Kepler University-Austria In-Vivo Human Skin to Textiles Friction Measurements	Irini Logothetis Piraeus University of Applied Sciences-Greece Triboelectric effect in energy harvesting
11:45-12:00	Lina Cepukone Kaunas University of Technology-Lithuania Investigation on Physical Properties of Sustainable Peat Fibre Knits	Zohre Montazer Yazd-Iran Traditional, Fashion and new perspective on Fashion Tourism	Giuseppe Rosace University of Bergamo-Italy Intumescent flame retardant properties of graft co-polymerized vinyl monomers onto cotton fabric	Atiyah Binti Haji Musa Ghent University-Belgium The reliability of the newly developed bending tester for the measurement of flexural rigidity of textile materials	Fatih Suvari Uludag University-Turkey Effect of sea component dissolution on fibrous structure of islands-in-the-sea spunbond nonwovens
12:00-12:15	Bing Liu Shinshu University-Japan Effect of fabric orientation angles on erosion behavior of carbon fiber reinforced composites	KyoungOK Kim Shinshu University-Japan Effect of bust line position on appearance of upper garment	David De Smet Centxebel-Belgium Biobased materials in coating and finishing of textiles	Nicole Furtak University of Alberta-Canada Image analysis to elucidate liquid transport in knit sock fabrics	Richard Kotek NC State University-USA Novel Composite Membranes Regenerated from Blends of Cellulose and Gluten
12:15-12:30	Annette Breier Leibniz-Institut für Polymerforschung-Germany Evaluation of optical data gained by ARAMIS-measurement of abdominal wall movements for an anisotropic pattern design of stress-adapted hernia meshes produced by embroidery technology	Tatjana Kosova (Spahiu) Polytechnic University of Tirana-Albania Varying fabric drape by 3D-imprinted patterns for garment design	Silvija Kukle Riga Technical University-Latvia At the nano-level modified cotton knitwear prototype development	Abderrahmane Faci ENSAIT-France Monitoring in situ in real time of resin infusion for thermoset composite structures	Ahmet Aydin Bursa Technical University-Turkey Waterproof-Breathable Antibacterial Polyurethane Membranes
12:30-12:45	Monika Bil Warsaw University of Technology Smart polyurethane nanofibers with shape memory effect for medical	Miguel Angelo Carvalho University of Minho-Portugal Sizing for the apparel industry using statistical analysis – a Brazilian case study	Xinsheng Zhu Soochow University-China Photo-grafting Polymerization, Microstructure and Hydrophilicity of Spun-melt Polypropylene Nonwoven Fabrics	Reimar Unger ITM, Technical University of Dresden-Germany Research on mechanical and sensoric setup for high strain rate testing of high performance fibers	Thomas Köhler RWTH Aachen-Germany Optimization of process parameters during carbonization for improved carbon fibre strength
12:45-13:00	Ibrahim Abdou Elhawary Alexandria University-Egypt The interaction between the technical multilayer woven fabrics variables and their properties	Elzbieta Mielicka Textile Research Institute-Poland Individual 3D measurements of end users to personalize work wear clothing	Ilias Georgiopoulos MIRTEC S.A.-Greece Textile surface treatment using thermal spraying for improved performance protective panels development	Petr Bilek Technical University of Liberec-Czech Republic Visualization of flow during cleaning process on a liquid nanofibrous filter	Mehmet Karahan Uludag University-Turkey Mechanical properties of woven carbon-epoxy multi-layer composites
13:00-14:00	LUNCH				
14:00-14:30	PLENARY SESSION: Bijoya Behera Indian Institute of Technology-India Design and Manufacturing of Textile Structural Composites : Opportunities and Challenges				
	SESSION 6A 09. Nanotechnology, Nanotextiles, Electrospinning +02. Innovative Funct. Textiles	SESSION 6B 04. Protective Textiles	SESSION 6C 17. Comfort Science	SESSION 6D 16. Fashion – Design and Garment Industry	SESSION 6E 03. Technical Textiles, Composites and Membranes
14:30-14:45	Bekir Acikabak Istanbul Technical University-Turkey Twisted continuous yarn from electrospun nanofibers	Subhas Ghosh Eastern Michigan University-USA Modification of Dendrimers to create a potent antimicrobial agent on textile fabrics	Adeline Marolleau ENSAIT-France Influence of textile properties on thermal comfort	Zlatina Kazlacheva Trakia University-Bulgaria An Investigation of Application of the Golden Ratio and Fibonacci Sequence in Fashion Design and Pattern Making	Monirudoza Ashir TU Dresden-Germany Analysis of the deformation speed of adaptive fiber reinforced plastics with variable hinged width
14:45-15:00	Ali Sadeghian Maryan Islamic Azad University-Iran Nanoclay as New Tool for Producing used look Denim with Anti-Fungal Properties and Low Toxicity: Introducing Nano/Bio Finishing	Neeraj Kumar Mandlekar ENSAIT-France Study of PA11 with different intumescent formulation based on lignin & phosphinate for bio-based flame retardant textile	Xiaoqun Dai Soochow University-China Effect of wearing a bra on thermoregulation during exercise	Miguel Angelo Carvalho University of Minho-Portugal Anthropometric data collection of Portuguese children using 3D digitalization equipment	Eric Haentzsch TU Dresden-Germany Multi-layered sensor yarns for in situ monitoring of textile reinforced thermoplastic composites
15:00-15:15	Munir Ashraf National Textile University-Pakistan Aggregation stability of ZnO nanorods synthesized by hydrothermal process	Abhijit Majumdar Indian Institute of Technology-India Low velocity Ballistic Resistance: Role of Fabric Structure and Shear Thickening Fluid	Eren Oner Usak University-Turkey Moisture management properties of Cupro knitted fabrics	Edit Csanak Obuda University-Hungary The CAL: cognitive, apperceptive and representative aspects of fashion design – Side note to neuro aesthetic theories	Dalal Mohamed ESITH-Morocco Study of the internal confinement of concrete reinforced (in civil engineering) with woven reinforcement
15:15-15:30	Silvija Kukle Riga Technical University-Latvia Additives influence on spinning solution and nanoweb properties	Banu Nergis Technical University of Istanbul-Turkey An Investigation on Sewability of X-ray Protective Fabrics	Masayuki Takatera Shinshu University-Japan Effect of air gap on apparent temperature of body wearing various sizes of T-shirt	Joana Cunha University of Minho-Portugal Design of an inclusive & interactive educational textile toy	Navdeep Kumar Indian Institute of Technology Delhi Bicomposites prepared from nettle and poly(lactic acid) fibers
15:30-15:45	Adriana Restrepo-Osorio Universidad Pontificia Bolivariana-Colombia Silk fibroin from silk fibrous waste, characterization and electrospinning	Aisha Rehman National Textile University-Pakistan Improving the durability of mosquito repellent finish on 100% cotton fabric	Esra Tastan Ozkan Uludag University-Turkey Investigating comfort properties of 3/1 Z twill woven denim fabrics	Galina Mihaleva Nanyang Technological University-Singapore Fashion and Textile Design: Innovative Approach for Better Future	S. Ilker Mistik Marmara University -Turkey Effect of surface treatments on tensile and flexural strength properties of sisal fibre reinforced polyethylene composites
15:45-16:00	Fatma Yalcinkaya Technical University of Liberec-Czech Republic Preparation of various nanofibrous composite membranes using wire electrospinning for oil-water separation	Gizem Karakan Gunaydin Pamukkale University-Turkey Effect of Structural Parameters on Burning Behavior of Polyester Fabrics having Flame Retardancy Property	Apurba Das Indian Institute of Technology-India Study on compression efficiency and thermo-physiological comfort of compression athletic wear	Miguel Angelo Carvalho University of Minho-Portugal Anthropometry for children's clothing: difficulties and limitations	Xuhong Yang Soochow University-China Preparation and Study on the Structure of Keratin/PVA Membrane Containing Wool fibers
16:00-16:15	Gorkem Oylumluoglu Technical University of Liberec-Czech Republic Preparation and characterization of Schiff base Cu(II) complex and its Applications on textile materials	Emel Mert Empa, Swiss Federal Laboratories for Materials Science and Technology-Switzerland Evaluation of thermal protective performance of fabrics under a flash fire exposure – a new approach	Hatice Ackgoz Tufan Istanbul Technical University-Turkey Design of a thermal waistpad	Cheng Zhe Wuhan Textile University-China Classification of male lower torso for underwear design	Guowen Song Iowa State University-USA Application of breathable fabric in protective clothing against hot water and steam
16:15-16:30	Pieter Heyse Centxebel-Belgium Textiles for green infrastructure	Andre West North Carolina State University-USA Engineering a non-insecticidal vector protective fabric	Esra Tastan Ozkan Uludag University-Turkey Investigation of the Effect of Different Structural Parameters of Cotton Woven Fabrics on Their Air Permeability	Hilal Bilgic Inonu University-Turkey The effects of fabric type ,fabric width and model type on the cost of unit raw material in terms of apparel	Vijay Goud Indian Institute of Technology Delhi-India Flexible Powder Coated Towpregs for Thermoplastic Composites
16:30-17:00	COFFEE BREAK – POSTER SESSION				
	SESSION 7A 03. Technical Textiles, Composites and Membranes	SESSION 7B 07. Textile Processing	SESSION 7C	SESSION 7D 14. CAD/CAE-Technology, Mass Customisation	SESSION 7E 23. Leather and shoes industry
17:00-17:15	Sofia Tsimikli Aristotle University of Thessaloniki-Greece Roll-to-Roll Manufacturing of Flexible Organic Electronics to Revolutionize Smart Wearables and Electronic Textiles	Huseyin Aksel Eren Uludag University-Turkey Ozone Bleaching of Cellulose		Sybille Krzywinski TU Dresden, ITM-Germany 3D Product development for loose-fitting garments based on parametric human models	Annette Breier Leibniz-Institut für Polymerforschung-Germany Evaluation of optical data gained by ARAMIS-measurement of abdominal wall movements for an anisotropic pattern design of stress-adapted hernia meshes produced by embroidery technology
17:15-17:30	Florian Wiczorek TU Dresden-Germany Innovative cellular distance structures from polymeric and metallic threads	Nawar Kadi University of Borås-Sweden The Effect of Warp Tension on the Colour of Jacquard Fabric		Rainer Gebhardt Saxon Textile Research Institute-Germany Mass Customized Technical Textiles in the B2B Sector	Antonio Marques University of Minho-Portugal Learning process in fashion design students: link with industry and social media
17:30-17:45	Georg Bardl TU Dresden-Germany Automated measuring technique for the detection of yarn orientation in 3D carbon fiber fabrics with eddy current testing	Semiha Eren Uludag University-Turkey Decolorisation of Disperse Dark Blue 148 with Ozone		Duygu Erdem Dokuz Eylül University-Turkey Evaluation of three-dimensional visual perception of garments	Ana Cristina Broega University of Minho-Portugal Female High Heel Shoes: a Study of Comfort
17:45-18:00	Seyed Mohammad Saniei Yazd University-Iran An investigation into low-velocity impact resistance and tensile strength of aluminium-glass fabric hybrid composite	Jahongir Gafurov TITLI-Uzbekistan Improving the quality of OE spun yarn		Maja Mahnic Naglic University of Zagreb-Croatia Analysis of dynamics and fit of diving suits	Joaquim Peixoto University of Minho-Portugal A new approach to implement a customized anatomic insole in orthopaedic footwear of lower limb orthosis
18:00-18:15	Marcin Barbuski Lodz University of Technology-Poland Mechanical properties of flax roving composites reinforcement.	Gulcin Baysal Istanbul Technical University-Turkey Effect of pigment concentration on fastness and colour values of thermal and UV curable pigment printing		Sheenam Jain ENSAIT-France Big data in fashion industry	Dana Corina Deselnicu University Politehnica of Bucharest-Romania Variance of foot biomechanical parameters across age groups for elderly people in Romania

09:00-09:30	PLENARY SESSION: Thomas Nasiou USTER AG- Switzerland Future of textiles – challenges and opportunities				
	KERKYRA HALL	NAYSIKA HALL	LEFKAS HALL	ITHACA HALL	KEFALONIA HALL
	SESSION 8A 06. Smart, Interactive and Multifunctional Textiles	SESSION 8B 10. Biopolymers and Biotechnology	SESSION 8C 17. Comfort Science	SESSION 8D 22. Modern Textile Education and Training	SESSION 8E 15. Modelling and Simulation
09:30-09:45	Razieh Hashemi Sanatgar ENSAIT-France Manufacturing of polylactic acid nanocomposite 3D printer filaments for smart textile applications	Alessandro Pellis Universitaet fuer Bodenkultur-Austria Biotechnological functionalizations of poly(L-lactic acid) films for various applications	Simona Vasile University College Gent (HoGent)-Belgium FTT comfort indices of ring-spun and air-jet knitted fabrics with post-treatments	Anne-Marie Grundmeier University of Education-Germany Why sustainability within the fashion market needs education	Bars Oguz Gurses Ege University-Turkey The Effect of Fabric Position to the Distribution of Acoustic Pressure Field in Ultrasonic Cleaning Baths
09:45-10:00	Alexander Reich TU Dresden-Germany Integration methods for thermosensitive gel systems in garments	May Kahoush ENSAIT-France Bio-functionalization of conductive textile materials with redox enzymes	Ozcan Ozdemir Uludag University-Turkey Influence of Flock Coating on Bending Rigidity of Woven Fabrics	Yves-Simon Gloy RWTH Aachen-Germany Work process and task-based design of intelligent assistance systems in German textile industry	Fatma Kalaoglu Istanbul Technical University, Turkey Drape simulation and subjective assesment of virtual design
10:00-10:15	Danaja Stular University of Ljubljana-Slovenia Modification of cotton fabric with temperature/pH responsive hydrogel: influence of particles size	Mariles Bonet Polytechnic University of Valencia-Spain Chitosan pretreatment for cotton dyeing with black tea	Ada Ferri Politecnico di Torino-Italy Thermal comfort of dual-chamber ski gloves	Andrej Demsar University of Ljubljana-Slovenia Resume versus Eulogy, education and future	Mustafa Atmaca Marmara University-Turkey Experimental and Numerical Investigation of Air Permeability of Different Fabrics
10:15-10:30	Isabel Cabral University of Minho-Portugal Exploring dynamic lighting, colour and form with smart textiles	Felice Quartinello Universitaet fuer Bodenkultur-Austria Enzymatic separation of poly(ethylene terephthalate) from cotton blends.	Omer Berk Berkalp Istanbul Technical University-Turkey Design of a light weight fabric from natural cellulosic fibers with improved moisture related properties	Rodica Harpa Technical University of Iasi-Romania E-learning for textile enterprises innovation improvement	Alev Erenler Sinop University-Turkey Prediction of fabrics' stiffness properties by artificial neural network (ANN) models
10:30-11:00	COFFEE BREAK – POSTER SESSION				
	SESSION 9A 09. Nanotechnology, Nanotextiles, Electrospinning	SESSION 9B 16. Fashion – Design and Garment Industry + 19. Ecological & Env. Textiles, Recycling and Life Cycle Analysis	SESSION 9C 20. Text. Economy, Text. Supply Chain Man. + 21. Innov.&Entrepr.	SESSION 9D 13. Textile Testing, Measuring Technology	SESSION 9E 12. Textile and Clothing Machinery + 06. Smart, Interactive and Multifunctional Textiles
11:00-11:15	Gonul Yavuz EGE University-Turkey Structural coloration of chitosan-cationized cotton fabric using photonic crystals	Artemisia Caldas Univeristy of Minho-Portugal Dependent seniors garment design	Saumen Mapdar Ministry of Textiles-India Setting Up of Design Studio as a Common Facility Center for Design in the consortium mode for 1st time in India in Shantipur Handloom Textiles Cluster - An Indian Case Study	Sandra Di Mauro National Institute of Industrial Technology-Argentina Study of the felting tendency of Argentine llama fibers	Ayse Sevkan Macit Uşak University-Turkey Evaluation of bending rigidity behaviour of ultrasonic seaming on woven fabrics
11:15-11:30	Jonathan Britton Rhodes University-South Africa Embedding unsymmetrically substituted and/or charged phthalocyanines in electrospun fibres for use in destroying unwanted compounds	Syomara Pinto University of Aveiro-Portugal Fashion showcases design: perceptions of the showcase in the brazilian popular market.	Malgorzata Koszewska Lodz University of Technology-Poland Comparative analysis of sustainable consumption and production in Visegrad region - conclusions for textile and clothing sector	Rodica Harpa Technical University of Iasi-Romania Selecting wool-type fabrics for sensorial comfort in women office clothing for the cold season, using the multi-criteria decision analysis	Halil Ibrahim Celik Gaziantep University-Turkey Effect of fiber blending ratios of cotton/polyester yarns on retained spliced diameter
11:30-11:45	Jaroslaw Janicki University of Bielsko-Biala-Poland Structure investigation of nanocomposites containing graphene	Evrildiiki Papachristou Technical University of Crete-Greece The interconnected fashion industry - an integrated vision	Antonio Marques University of Minho-Portugal Competitive strategies in fashion industries: Portuguese footwear industry	Kanya Kuramoto Kaken Test Center-Japan Visual Assessments for Multi-coloured Fabrics	Yves-Simon Gloy RWTH Aachen-Germany Industry 4.0 – How will the nonwoven production of tomorrow look like?
11:45-12:00	Mohammad Mirjalili Islamic Azad University- Iran Synthesis of zinc oxide nanoparticles with hydrolysis of polyethylene terephthalate.	Jiaqi Yan Wuhan Textile University-China New database for improving virtual system “body- dress”	Joao Bernardes IPAM-Portugal OKG: creating and developing an innovative clothing service	Gabriel Vinha University of Minho-Portugal Dynamic behaviour of a polyamide multifilament yarn suffering longitudinal traction	Adnan Mazari Technical University of Liberec-Czech Republic A study on thermal insulation and sewing of firefighter clothing
12:00-12:15	Ke Liu Wuhan Textile University-China Functionalized poly (vinyl alcohol-co-ethylene) nanofibrous membrane for filtration and inactivation of bacteria	Roger Ng Hong Kong Polytechnic University-Hong Kong Tripartite Model of Fashion Design Process	Yves-Simon Gloy RWTH Aachen University-Germany Process analysis of an in store production of knitted clothing	Fatma Abidi Textile Engineering Laboratory of Ksar Hellel-Tunisia Effect of construction parameters on the thickness loss under dynamic load of Tunisian hand-knotted carpet	Hassan Saeed TU Dresden-Germany “Spacer stitching”, an innovative material feeding technology for improved thermal resistance
12:15-12:30	Adriana Restrepo-Osorio Universidad Pontificia Bolivariana-Colombia Silk fibroin from silk fibrous waste, characterization and electrospinning	Ana Cristina Broega University of Minho-Portugal Textile Sustainability: Reutilization of Clean Textile and Apparel Industry Waste	Yves-Simon Gloy RWTH Aachen-Germany Industry 4.0 and the future of textile production in high wage countries	Ozgur Ceylan Anadolu University-Turkey Moisture sorption in naturally coloured cotton fibres	Sundaramoorthy Palanisamy Technical University of Liberec-Czech Republic Study on textile comfort properties of polypropylene blended stainless steel woven fabric for the application of electromagnetic shielding effectiveness
12:30-12:45	Karen De Clerck Ghent University-Belgium Smart colorimetric materials based on dye-functionalized nanofibers	Mamun Kabir Shekh Md. Bangladesh University of Textiles-Bangladesh Ecofriendly Dyeing of Cotton Fabric with Vat dyes	Barbara Terzaki-Pallikari University of the Mountains-Greece University of the Mountains, Mission Penelope Gandhi	Artan Sinoimeri University of Haute-Alsace- France New experimental device for measuring the inter fibre transversal friction	Muhammad Zahid Istituto Italiano di Tecnologia-Italy Fabrication of highly conductive and flexible cotton fabric by graphene doped PEDOT:PSS coatings
12:45-13:00	Selim Zeydanli Istanbul Technical University-Turkey Electrospun Nanofibers of Keratin-Based Poly (Acrylonitrile-co-Ethylenglycol)	Haluk Kucuk Marmara University-Turkey The Use of Seaweed Based Natural Fibers For Sound Absorption Purpose		Mahmut Oguz Kesimci Uludag University-Turkey Influence of Flock Coating on Abrasion, Tearing and Bursting Properties of Woven Fabrics	Malohat Ilhamova TITLI-Uzbekistan Investigation of the Electrical Characteristics of Electrically Conducting Yarns and Fabrics
13:00-14:00	LUNCH				
14:00-14:30	PLENARY SESSION: Lieva VanLangenhove Ghent University-Belgium E-TEAM+: where academia meet industry				
	SESSION 10A 03. Technical Textiles	SESSION 10B 04. Protective Textiles	SESSION 10C 07. Textile Processing	SESSION 10D 15. Modelling and Simulation	SESSION 10E 17. Comfort Science
14:30-14:45	Abdul Jabbar Technical University of Liberec-Czech Republic Investigation of mechanical and thermomechanical properties of nanocellulose coated jute/green epoxy composites	Farzan Gholamreza University of Alberta-Canada Laboratory Evaluation of Thermal Protective Clothing Using Instrumented Flash Fire and Spray Mannequin	Esin Sarioglu Gaziantep University-Turkey Fatigue behaviour of core-spun yarns containing filament by means of cyclic dynamic loading	Emel Mert Empa-Switzerland Quantitative validation of 3D garment simulation software for determination of air gap thickness in lower body garments	Pavla Tesinova Technical University of Liberec-Czech Republic Classification of soft-shell materials for leisure outdoor jackets by CLO defined from thermal properties testing
14:45-15:00	Sundaramoorthy Palanisamy Technical University of Liberec-Czech Republic Effect of jute fibre treatment on the moisture regain and mechanical performance of composite materials	Ali Sadeghian Maryan Islamic Azad University-Iran Super pH sensitive hybrid membrane by simultaneous electrospinning of hydrophobic-hydrophilic nanofibers	Sidika Ziba Or Kartal Textile Industry and Trade Co. Ltd-Turkey Compressibility and resiliency properties of wilton type woven carpets produced with different fiber blend ratio	Panagiotis Papagiannis University of the Aegean-Greece Evaluation and optimization of footwear comfort parameters using finite element analysis and a discrete optimization algorithm	Livia Matte University of Minho-Portugal The evaluation of psychological comfort in clothing, a possible approach
15:00-15:15	Zahra Hajhoseini Yazd University-Iran Effect of needling parameters and calendaring treatment on grab Tensile Strength of needle-punched nonwoven geotextiles	Dounia Benmoussa ESITH-Morocco Knit fabrics containing microcapsules of polyethylene glycol 600 for thermo-regulating application	Rahman Md Morshedur Konkuk Univesity-South Korea Disperse dyeing properties of (easy dyeable polyester)/spandex blends	Kameswara Rao PV Indian Institute of Technology-India Modelling of electrolyte uptake in the absorptive nonwoven separators for valve regulated lead acid (VRLA) batteries	Miriam Scheffmeier Hohenstein Institut für Textilinnovation-Germany Development of a method for rating thermal seat comfort
15:15-15:30	Evangelos Louris Piraeus University of Applied Sciences-Greece From the Organic Thin Film Transistor to the 3-D Textile Organic Cylindrical Transistors - Perspectives, expectations and predictions	Mevlûde Bilgiç Suleyman Demirel University-Turkey Casein and polyethylenimine based flame retardant nano-coatings on cotton fabric	Sandra Helena da Silva de Santis University Estadual of Campinas-Brazil TRIZ inventive principle in the creative process of textile products	Mihai Stan S.C. DIGITRAN GRUP S.R.L.-Romania Multi-functionality of textile meta-structures	Iara Braga Federal University of Piaui and University of Minho-Portugal Subjective evaluation of the comfort of popular denim: elaboration and validation of the data
15:30-15:45	Mir Mohammad Badrul Hasan TU Dresden-Germany Properties of CF/PA6 friction spun hybrid yarns for textile reinforced thermoplastic composites	Bhupendra Butola Indian Institute of Technology-India Multi layered flexible uni-polymer and hybrid composites for ballistic applications	Snejina Andonova SWU -Bulgaria Study of the stretching force of the needle's thread in the work with woollen textiles	Andre Catarino University of Minho-Portugal Parametric Modelling Design Applied on Weft Knitted Surface and Its Effects in their Physical Properties	
15:45-16:00	Hadi Dabiryan Amirkabir University of Technology-Iran Study of buckling behaviour of woven fabric reinforced composites	Ilkan Ozkan Cukurova University-Turkey Antifungal Activity of Fabrics Knitted by Metalized Silver/Polyester Composite Yarn	Hatice Acikgoz Tufan Istanbul Technical University-Turkey A novel washing algorithm for underarm stain removal	Umer Hameed National Textile University-Pakistan Comparative Study on Fashion & Textile Design higher Education System, Pakistan VS UK	
16:00-16:15	Hajar Jaouani ESITH-Morocco Elaboration of intelligent textile as an electrode for Organic Photovoltaic Cells applications		Raziye Atakan Istanbul Technical University-Turkey FR Performance of New Fire-off on PET/CO blend fabrics	Yves-Simon Gloy RWTH Aachen-Germany 3D knitting using large circular knitting machines	