

**7th edition of the „Technical Textiles-Present and Future” International Symposium, TTPF 2021**

**November 12, FRIDAY**

**Eastern European Time (EET)**

<b>10:00 -10:30</b>		<b>OPENING SESSION - Welcome</b>		
		<a href="#">1st Link</a>		
		<b>Rodica HARPA</b>	Chair of TTPF 2021 Organizing Committee	
		<b>Carmen-Maria LOGHIN</b>	Vice-Rector Scientific Research, Development and Innovation, Gheorghe Asachi Technical University of Iasi, ROMANIA	
		<b>Mariana URSACHE</b>	Dean of the Faculty of Industrial Design and Business Management, Gheorghe Asachi Technical University of Iasi, ROMANIA	
		<b>Mirela BLAGA</b>	AUTEX President, Faculty of Industrial Design and Business Management, Gheorghe Asachi Technical University of Iasi	
		<b>Ioan CIOARĂ</b>	Honorary Symposium Chair, Founder	
<b>10:30 - 11:30</b>		<b>PLENARY SESSION I - Keynote Lectures</b>		
		Chair: <b>Rodica HARPA</b>		
		<a href="#">1st Link</a>		
<i>10:30 -11:00</i>		<b>Andreja RUDOLF</b>	University of Maribor, SLOVENIA REVIEW OF SMART CLOTHING WITH EMPHASIS ON EDUCATION AND TRAINING	
<i>11:00-11:30</i>		<b>Alison GAULT</b>	Ulster University, NORTHERN IRELAND DELIVERING TEXTILE INNOVATION BY ENGAGING WITH SME'S AND SOCIAL ENTERPRISES FOR SUSTAINABLE SOLUTIONS	
<b>11:30-11:45</b> COFFEE BREAK				
<b>11:45 -14:00</b>	<b>SESSION 1</b>	<b>SESSION 2</b>	<b>SESSION 3</b>	
	<a href="#">1st Link</a>	<a href="#">2nd Link</a>	<a href="#">3rd Link</a>	
<b>11:45 -12:45</b>	<b>SESSION 1.1. Functional and Smart Textiles for Medtech, Protech and Sportech Applications</b> <a href="#">1st Link</a>	<b>SESSION 2.1. Technical Textiles for Indutech and Mobiltech Applications ; Functional and Smart Textiles for Medtech, Protech and Sportech Applications</b> <a href="#">2nd Link</a>	<b>SESSION 3.1. Technical Textiles and Sustainability</b> <a href="#">3rd Link</a>	
	Chair: <b>Andreja RUDOLF</b> University of Maribor, SLOVENIA	Chair: <b>Daiva MIKUČIONIENĖ</b> Kaunas University of Technology, LITHUANIA	Chair: <b>Luminița CIOBANU</b> Gheorghe Asachi Technical University of Iasi, ROMANIA	
<i>11:45 -12:00</i>	SELF-POWERED POLY(3,4-ETHYLENE DIOXYTHIOPHENE)-POLY(STYRENE SULFONATE)/POLYDIMETHYLSILOXANE-PRINTED TEXTILE WOVEN FABRIC FOR MOISTURE SENSING <i>Hasan Riaz Tahir</i> Ghent University, BELGIUM	EFFECT OF SOLVENT AND DISTANCE TIP-COLLECTOR ON PEO FIBERS ELECTROSPINNING <i>Iuliana G.Lupu</i> Gheorghe Asachi Technical University of Iasi, ROMANIA	STATISTICAL FIBER-LEVEL GEOMETRICAL MODEL OF THIN NON-WOVEN STRUCTURES <i>Shi Hu</i> Technical University, Dresden, GERMANY	
<i>12:00-12:15</i>	DEVELOPEMENT OF CONDUCTIVE FLEXIBLE FABRICS USING CONDUCTIVE YARNS AND POLYPYRROLE COATING <i>Daniela Negru</i> Gheorghe Asachi Technical University of Iasi, ROMANIA	NATURAL DYES USED IN TEXTILES: A REVIEW <i>Angela Danila</i> Gheorghe Asachi Technical University of Iasi, ROMANIA	HOLLOW 3D-WOVEN FABRIC FILLED WITH TEXTILE WASTE FOR THERMAL INSULATION OF BUILDINGS <i>Niki Vlad Mancași</i> Gheorghe Asachi Technical University of Iasi, ROMANIA	
<i>12:15-12:30</i>	USERS' PERCEPTIONS ON COMFORT LEVEL OF CYCLING CLOTHING <i>Yetanawork Teyeme</i> Ghent University, BELGIUM	TECHWEAR – SINERGY BETWEEN TECHNOLOGY AND SPECIALIZED GARMENTS FOR OUTDOOR CLIMBING ACTIVITIES <i>Diana Viziteu</i> Gheorghe Asachi Technical University of Iasi, ROMANIA	SYNERGISTIC EFFECT OF SCREEN-PRINTED Al(OH)3/SWCNT NANOPARTICLES AND PHOSPHORYLATED-CNF ON THERMAL AND THERMOPHYSIOLOGICAL COMFORT PROPERTIES OF FR-FABRIC <i>Tjaša Kolar</i> University of Maribor, SLOVENIA	
<i>12:30-12:45</i>	INFLUENCE OF TREATMENT ON THE BENDING BEHAVIOUR OF ANTISTATIC TEXTILES <i>Norina Asfand</i> Kaunas University of Technology Kaunas, LITHUANIA	COTTON FUNCTIONALIZATION BY CROSSLINKING CELLULOSE WITH COMPOUNDS TYPE CHLORHYDRINE <i>Andrei Popescu</i> Gheorghe Asachi Technical University of Iasi, ROMANIA	THE EFFECT OF A BIOCOMPATIBLE HAND BUILDER ON CELLULOSIC FABRICS FOR MODIFICATION OF THEIR FLEXIBILITY <i>Claudia Udrescu</i> Gheorghe Asachi Technical University of Iasi, ROMANIA	
<b>12:45-13:00</b> COFFEE BREAK				
<b>13:00 -14:00</b>	<b>SESSION 1.2. Functional and Smart Textiles for Medtech, Protech and Sportech Applications</b> <a href="#">1st Link</a>	<b>SESSION 2.2. Technical Textiles for Clothtech and Hometech Applications</b> <a href="#">2nd Link</a>	<b>SESSION 3.2. Technical Textiles and Sustainability</b> <a href="#">3rd Link</a>	
	Chair: <b>Antonela CURTEZA</b> Gheorghe Asachi Technical University of Iasi, ROMANIA	Chair: <b>Pavla TĚŠINOVÁ</b> Technical University of Liberec, CZECH REPUBLIC	Chair: <b>Savvas VASSILIADIS</b> University of West Attica, Athens, GREECE	
<i>13:00-13:15</i>	A REVIEW OF KNITTED STRUCTURAL EFFECT ON MECHANICAL PROPERTIES OF FABRICS <i>Sikander Abbas Basra</i> Kaunas University of Technology, LITHUANIA	STUDY ON THE INFLUENCE OF PROCESSING TECHNOLOGY ON PHYSICAL-MECHANICAL CHARACTERISTICS OF 100% WOOL YARNS USING THE <i>Daniela Negru</i> Gheorghe Asachi Technical University of Iasi, ROMANIA	KEY ELEMENTS OF SUSTAINABILITY IN THE FIELD OF TECHNICAL TEXTILES <i>Ingrid Buciușcanu</i> Gheorghe Asachi Technical University of Iasi, ROMANIA	
<i>13:15-13:30</i>	DEVELOPMENT OF A COLLECTION OF MODELS OF POST-OPERATIVE TEXTILE PRODUCTS INTENDED FOR POST-MASTECTOMY WOMEN <i>Aliona Raru</i> Technical University of Moldova, Chisinau, REPUBLIC OF MOLDOVA	TENSILE PROPERTIES OF TWISTED THREAD MADE OF COMBINED METALLOPLASTIC YARNS <i>Cristina Racu</i> Gheorghe Asachi Technical University of Iasi, ROMANIA	ANALYSIS OF THE MECHANICAL BEHAVIOUR OF TEXTILE-RUBBER COMPOSITE MATERIALS USING RECYCLED RUBBER AND TEXTILES <i>Florin Mustata</i> Gheorghe Asachi Technical University of Iasi, ROMANIA	
<i>13:30-13:45</i>	THE INTERDEPENDENCE BETWEEN THE QUALITY OF THE PRODUCTS' POSITIONING ON THE HUMAN BODY AND THE CONSTRUCTIVE PARAMETERS OF THE BASIC PATTERN OF THE MEN'S TROUSERS <i>Elena Florea-Burduja</i> Technical University of Moldova, Chisinau, REPUBLIC OF MOLDOVA	REGARDING THE QUALITY PROFILE OF AN ASSORTMENT OF SEWING THREADS <i>Cristina Piroi</i> Gheorghe Asachi Technical University of Iasi, ROMANIA	ECOLOGICAL SOLUTION THAT INTEGRATES LOW-QUALITY WOOL INTO A VALUABLE NATURAL INSULATION MATERIAL FOR SUSTAINABLE CONSTRUCTIONS <i>Cezar Bulacu</i> Gheorghe Asachi Technical University of Iasi, ROMANIA	
<i>13:45-14:00</i>	STUDY OF CHARACTERIZATION INDICES OF WORSTED WOOL FABRICS USING AS A STATISTICAL TOOL CORRELATION METHOD <i>Daniela Negru</i> Gheorghe Asachi Technical University of Iasi, ROMANIA	ARCHITECTURE OF A FOOTWEAR COLLECTION FOR OVERWEIGHT TEENAGERS <i>Mariana Costea</i> Gheorghe Asachi Technical University of Iasi, ROMANIA	THE PRINCIPLES OF DECONSTRUCTION/RECONSTRUCTION FOR THE DESIGN OF SUSTAINABLE GARMENTS <i>Manuela Lăcrămioara Avădanei</i> Gheorghe Asachi Technical University of Iasi, ROMANIA	

<b>14:00-14:30</b> LUNCH			
<b>14:30 -15:30</b>	<b>PLENARY SESSION II -Keynote Lectures</b> Chair: <b>Mirela BLAGA</b> <a href="#">1st Link</a>		
14:30 -15:00	<b>Yordan KYOSEV</b> <i>Dresden University of Technology, GERMANY</i> HIGH SPEED (4D) SCANNING OF CLOTHED HUMANS – ADVANTAGES AND CHALLENGES		
15:00-15:30	<b>Cosmin GRAPINI</b> <i>Pasmatex S.A. Timișoara, ROMANIA</i> TECH-TREATMENT FOR THE YARNS OR FOR THE WEAVED PIECE? THAT IS THE QUESTION!		
<b>15:30-15:45</b> COFFEE BREAK			
<b>15:45 -18:00</b>	<b>SESSION 4</b> <a href="#">1st Link</a>	<b>SESSION 5</b> <a href="#">2nd Link</a>	<b>SESSION 6</b> <a href="#">3rd Link</a>
<b>15:45 -16:45</b>	<b>SESSION 4.1. Technical Textiles and Sustainability</b> <a href="#">1st Link</a>	<b>SESSION 5.1. Textile Education and Training for the Technical Textiles Field</b> <a href="#">2nd Link</a>	<b>SESSION 6.1. Management and Entrepreneurship</b> <a href="#">3rd Link</a>
	Chair: <b>Cristina PIROI</b> Gheorghe Asachi Technical University of Iasi, ROMANIA	Chair: <b>Mariana URSACHE</b> Gheorghe Asachi Technical University of Iasi, ROMANIA	Chair: <b>Manuela Lăcrămioara AVĂDANEI</b> Gheorghe Asachi Technical University of Iasi, ROMANIA
15:45 -16:00	INVESTIGATIONS ON THE RECYCLING OF POLYPROPYLENE MATRIX COMPOSITES REINFORCED WITH HEMP FIBRES <i>Mariana Ichim</i> Gheorghe Asachi Technical University of Iasi, ROMANIA	DESIGNING COURSES FOR TECHNICAL DISCIPLINES FOR ONLINE AND BLENDED LEARNING <i>Adrian Buhu</i> Gheorghe Asachi Technical University of Iasi, ROMANIA	FUZZY BASED SYSTEM FOR TEXTILE COMPANY PERFORMANCE ASSESSMENT <i>Marius Pîslaru</i> Gheorghe Asachi Technical University of Iasi, ROMANIA
16:00-16:15	CHEMICAL MODIFICATION OF CAROÁ FIBER (NEOGLAZIOVIA VARIEGATA) FOR APPLICATION IN ADVANCED FABRICS AND AS COMPOSITES MATERIAL REINFORCEMENT <i>Murilo José Pereira De Macedo</i> Universidade Federal do Rio Grande do Norte Natal, BRAZIL	STATISTICAL METHOD FOR A TEXTILE PROCESS OPTIMIZATION <i>Cătălin Vilcu</i> Gheorghe Asachi Technical University of Iasi, ROMANIA	ORGANIZATIONAL SUSTAINABILITY MAIN COMPONENTS IDENTIFICATION USING PCA <i>Ionuț Herghiligiu</i> Gheorghe Asachi Technical University of Iasi, ROMANIA
16:15-16:30	SUSTAINABLE SOLUTIONS IN THE FIELD OF TEXTILES <i>Victoria Danila</i> Technical University of Moldova, Chisinau, REPUBLIC OF MOLDOVA	DESIGN-BASED LEARNING IN KNITTING THROUGH EDUCATIONAL MODULES OF ERASMUS+ PROJECTS <i>Rodica Harpa</i> Gheorghe Asachi Technical University of Iasi, ROMANIA	FAST FASHION – AN INDUSTRY AT THE INTERSECTION OF GREEN MARKETING WITH GREENWASHING <i>Marius Pîslaru</i> Gheorghe Asachi Technical University of Iasi, ROMANIA
16:30-16:45	THE IMPACT OF PET FIBER ON THE TEXTILE INDUSTRY: REVIEW AND PERSPECTIVES ON SUSTAINABILITY BETWEEN 2000 AND 2020 <i>Suzanna R. C. A. Sousa</i> Universidade Federal do Rio Grande do Norte Natal, BRAZIL		LIVING LABS: A FRAMEWORK OF ANALYSIS <i>Adriana Bujor</i> Gheorghe Asachi Technical University of Iasi, ROMANIA
<b>16:45-17:00</b> COFFEE BREAK			
<b>17:00-18:00</b>	<b>SESSION 4.2. Technical Textiles and Sustainability</b> <a href="#">1st Link</a>	<b>SESSION 5.2. Textile Education and Training for the Technical Textiles Field</b> <a href="#">2nd Link</a>	<b>SESSION 6.2. Management and Entrepreneurship</b> <a href="#">3rd Link</a>
	Chair: <b>Irina CRISTIAN</b> Gheorghe Asachi Technical University of Iasi, ROMANIA	Chair: <b>Adrian BUHU</b> Gheorghe Asachi Technical University of Iasi, ROMANIA	Chair: <b>Marius PÎSLARU</b> Gheorghe Asachi Technical University of Iasi, ROMANIA
17:00-17:15	BIOMIMICKING AND TECHNICAL TEXTILES: REVIEW <i>Melkie Getnet Tadesse</i> Bahir Dar University, ETHIOPIA	BEST PRACTICES OF SUSTAINABLE PRODUCT DEVELOPMENT THROUGH 3D DESIGN AND VISUALISATION <i>Manuela Lăcrămioara Avădanei</i> Gheorghe Asachi Technical University of Iasi, ROMANIA	THE CIRCULAR ECONOMY BUSINESS ECOSYSTEMS: THE EDGE OF KNOWLEDGE <i>Elena Avram</i> Gheorghe Asachi Technical University of Iasi, ROMANIA
17:15-17:30	RECYCLING OF CHAMOIS LEATHER WASTE INTO VALUABLE PRODUCTS WITH POTENTIAL APPLICATIONS IN THE FIELD OF TECHNICAL TEXTILES <i>Ingrid Bucîșcanu</i> Gheorghe Asachi Technical University of Iasi, ROMANIA	DRIVERS OF CHANGE FOR THE ROMANIAN TEXTILE, CLOTHING, LEATHER AND FOOTWEAR SECTORS <i>Aura Mihai</i> Gheorghe Asachi Technical University of Iasi, ROMANIA	APPROXIMATE PREDICTION MODEL FOR A HETEROGENEOUS AND COMPLEX MACHINE INTERFERENCE PROBLEM <i>Doina Cascaval</i> Gheorghe Asachi Technical University of Iasi, ROMANIA
17:30-17:45	DEVELOPMENT OF INTELLIGENT FUNCTIONAL PRODUCTS FOR CHILDREN <i>Victoria Danila</i> Gheorghe Asachi Technical University of Iasi, ROMANIA	USING DATABASES WITH SUCCESS STORIES AS AN INSTRUMENT IN ENGINEERING EDUCATION – THE CASE OF WINTEX PROJECT <i>Dorin Savin Ionesi</i> Gheorghe Asachi Technical University of Iasi, ROMANIA	STATISTICAL MODEL WITH ARTIFICIAL INTELLIGENT COMPONENTS FOR THE DEPENDABILITY OF A TEXTILE PROCESS <i>Adrian Vilcu</i> Gheorghe Asachi Technical University of Iasi, ROMANIA
17:45-18:00	REVIEW ON GALLERIES AND DATABASES OF DIGITAL TEXTILE MATERIALS <i>Victoria Bocancea</i> Gheorghe Asachi Technical University of Iasi, ROMANIA		
<b>18:00</b>	<b>TTPF 2021 CLOSING SESSION</b> <a href="#">1st Link</a>		