## INTERNATIONAL SCIENTIFIC CONFERENCE

"Innovative solutions for sustainable development of textiles and leather industry"

25<sup>th</sup>-26<sup>th</sup> May, 2018 Oradea, ROMANIA

Programme

	May 25 <sup>th</sup> , 20	018
09:00-9:30	Registration	
9:30-11:00	Opening ceremo	ony
	Speaker for Bihor Chamber of Commerce and Ind	ustry- Constantin BADEA- Director
	Nicoleta SOTOC- HR Manager- INTEVA PRODUC	TS Oradea
	Vice Rector: Assoc.Prof.Dr.Eng. Gabriel BENDEA	
	Vice Rector: Assoc.Prof.Dr.Eng. Ligia BURTA	
	Dean: Assoc. Prof. Dr. Eng. Cristina HORA	
	Head of Department: Lecturer Dr. Eng. Adina AL	.BU
	KEYNOTE SPEAC	KERS
	Nuno BELINO-E-HEALTH: NEW PRO	SPECTS FOR A NEW ERA
	(University of Beira Interior, Textile Science ar	nd Technology Department, Covilhã ,
	PORTUGAL)	
	Steven MCNEIL - LIGHT-INDUCED STR	ENGTH LOSS IN JUTE AND
	POLYPROPYLENE CARPET BA	CKING FABRICS
	(Agresearch, Food & Bio-based Products Group, T	extile Science and Technology Team,
	Christchurch, NEW Z	EALAND)
	Dr. S. RAJAMANI- VIABLE ENVIRONMENTA WITH CLEANER PRODUCTION - SUSTAINABL SECTOR	
	(Chairman-Asian International Union of Environ	
11:00-11:30	Coffee & Tea Bi	
	Poster Session	n en
11:30-13:00	Session I	
	MAVIOGLU AYAN Ebru <sup>1</sup> , TOPTAS Asli <sup>1</sup> , <u>ZENGIN Gokhan<sup>2</sup></u> <sup>1</sup> Ege University, Science Faculty, Chemistry Department, 35100, Bornova Izmir, TURKEY <sup>2</sup> Ege University, Engineering Faculty, Leather Engineering Department, 35100, Bornova Izmir, TURKEY	REMOVAL OF DYES (DIRECT RED 80 AND LEVAFIX BRILLANT BLUE) BY USING VINE STEM WASTE AS A BIOSORBENT
	BELLEMARE Jocelyn University of Quebec in Montreal (UQAM), School of Business and Management (ESG), Department of Management & Technology Management. Montreal (Quebec), CANADA	APPAREL MANUFACTURING AND MASS CUSTOMIZATION EXPERIENCE
	BALCI KILIC Gonca  Dokuz Eylül University, Faculty of Engineering, Department of Textile Engineering, 35397, İzmir,	ANALYSING THE PHYSICAL AND MECHANICAL PROPERTIES OF CORE-SPUN YARNS

TURKEY

SIMION

BERECHET Daniela<sup>1</sup>

Demetra<sup>1</sup>,

<sup>1</sup>The Research Development National Institute for

<u>GAIDAU</u>

Carmen<sup>1</sup>,

MICRO

AND

STRUCTURED EMULSIONS BASED

ON COLLAGEN AND KERATIN

NANO-

NEW

Textiles and Leather, Division Leather and	HYDROLYSATES
Footwear Research Institute,, 93 Street Ion	
Minulescu, 031215, Bucharest, ROMANIA	
ERDOGAN Umit Halis <sup>1</sup> , SEKİ Yasemin <sup>2</sup>	COMPARISON OF MOISTURE
<sup>1,2</sup> Dokuz Eylul Universtiy, Engineering Faculty,	RELATED PROPERTIES OF PET/CV
Department of Textile Engineering, 35397, Buca,	BLENDED NONWOVEN FABRICS
Izmir, Turkey	BLEINDED INDINVOVEIN FABRICS

Student Fashion Show "Japanese Fashion-between traditional and modern"

13:00-14:30	Lunch	
14:30-16:00	Session II	
	SHAIKHZADEH NAJAR Saeed <sup>1</sup> , MOMENY Zahra <sup>1</sup> , ETRATI Seyed Mohammad <sup>1</sup> <sup>1</sup> Amirkabir University of Technology, Department of Textile Engineering, Tehran, IRAN	BAGGING BEHAVIOUR OF EXTENSIBILE SHIRT FABRICS
	YILMAZ Onur <sup>1</sup> , OZGUNAY Hasan <sup>1</sup> , <u>MUTLU</u> <u>Mehmet Mete<sup>1</sup></u> , KARAVANA Huseyin Ata <sup>1</sup> , ZENGIN Gokhan <sup>1</sup> , KALENDER Deniz <sup>1</sup> , DANDAR Urana <sup>1</sup> <sup>1</sup> :Ege University, Engineering Faculty, Department of Leather, Izmir, TURKEY	INVESTIGATING PROCESS WATER PROPERTIES FROM DIFFERENT LEATHER INDUSTRY ZONES OF TURKEY
	DEMIR MURAT <sup>1</sup> , KILIC MUSA <sup>1</sup> , ORHAN KEREM <sup>1</sup> , KARASU GULBEN <sup>1</sup> <sup>1</sup> , Dokuz Eylul University, Faculty of Engineering, Department of Textile Engineering, 35390, Izmir, TURKEY	CONSUMER VALUE IN APPAREL ONLINE MARKETING WITH REPERTORY GRID ANALYSIS
	DOCHIA Mihaela <sup>1</sup> , GAVRILAS Simona <sup>2</sup> , PUSTIANU Monica <sup>3</sup> , MOISĂ Cristian <sup>4</sup> , CHAMBRE Dorina <sup>2</sup> 1"Aurel Vlaicu" University of Arad, Research Development Innovation in Technical and Natural Science Institute, Arad, ROMANIA  2"Aurel Vlaicu" University of Arad, Faculty of Food Engineering, Tourism and Environmental Protection, Department of Technical and Natural Sciences, Arad, ROMANIA  3"Aurel Vlaicu" University of Arad, Faculty of Engineering, Department of Automation, Industrial, Textile and Transportation Engineering, Arad, Romania  4Banat University of Agricultural Sciencies and Veterinary Medicine "King Michael I" of Romania, Timișoara, ROMANIA	WASTE WATER ANALYSIS FROM A NEW GREEN PRETREATMENT OF COTTON FABRICS.

	ERKAN Gökhan, ŞENGÜL Kemal, AKKAŞ Münevver, BÜYÜKPOYRAZ Sinem Dokuz Eylül University, Faculty of Engineering, Textile Engineering Department, Tınaztepe yerleşkesi Buca, 35397, İzmir, TURKEY	PIGMENT PRINTING OF COTTON FABRICS WITH CYCLODEXTRIN AND BIFUNCTIONAL REACTIVE DYE
16:00-16:30	Coffee & Tea Br	
16:30-18:00	Poster Sessio Session III	n e e e e e e e e e e e e e e e e e e e
	ATILGAN Turan <sup>1</sup> , OFLUOGLU KUCUK Pelin <sup>1</sup> , ORK Nilay <sup>2</sup> , MUTLU Mehmet Mete <sup>2</sup> <sup>1</sup> Ege University, Engineering Faculty, Department of Textile Engineering, 35040, Izmir, Turkiye <sup>2</sup> Ege University, Engineering Faculty, Department of Leather Engineering, Izmir, TURKIYE	THE ANALYSIS OF TURKISH LEATHER INDUSTRY'S COMPETITIVENESS
	MPOFU Nonsikelelo Sheron¹, MWASIAGI Josphat Igadwa², NKIWANE Londiwe³, NJUGUNA David⁴  1. 2.4 Moi University, School of Engineering, Department of Manufacturing, Industrial and Textile Engineering, Eldoret, KENYA  3 National University of Science and Technology, Faculty of Industrial Technology, Department of Fibre, Polymer and Materials Engineering, Bulawayo, ZIMBABWE	3D PRINTING OF PLA ONTO TEXTILE FABRICS
	AKA Cetin <sup>1</sup> , BASAL Guldemet <sup>2</sup> Dokuz Eylul University, Faculty of Engineering, Department of Textile Engineering, Izmir, TURKEY	MANUFACTURING OF TUBULAR LENO FABRICS BY MODIFIED STANDART SAMPLING LOOM
	ADIGÜZEL ZENGIN Arife Candaş <sup>1</sup> , GÖZTAŞI Mehmet Berkay <sup>1</sup> , MAMMADOV Jeyhun <sup>1</sup> , ÖRK Nilay <sup>1</sup> , TEMEL Emrah <sup>2</sup> , BITLISLI Behzat Oral <sup>1</sup> <sup>1</sup> Ege University, Engineering Faculty, Leather Engineering Department, 35100, Bornova, Izmir, TURKEY, <sup>2</sup> Ege University, Engineering Faculty, Textile Engineering Department, 35100, Bornova, Izmir, TURKEY,	THE INFLUENCE OF FATLIOURING PROCESS ON GARMENT LEATHER DRAPEABILITY
19:00	Gala dinner	

Full paper presentation should not exceed 10-15 minutes.

	May 26 <sup>th</sup> , 20	018
10:00-11:30	Session IV	
	BOHM Gabriella <sup>1</sup> , SUTEU Marius Darius <sup>1</sup> , DOBLE Liliana <sup>1</sup> , ALBU Adina <sup>1</sup> <sup>1</sup> University of Oradea, Faculty of Energy Engineering and Industrial Management, Department Textiles, Leather and Industrial Management, 410058, Oradea, România	IMPROVING THE AESTHETIC ASPECT OF A KNITTED PRODUCT FOR WOMEN
	CHICU Svetlana <sup>1</sup> , BERNAZ Luminiţa <sup>2</sup> , MALCOCI Marina <sup>3</sup> <sup>1, 2, 3</sup> University Technical of Moldova, Faculty of Textile and Printing, Department, Postal address MD 2045, S. Rădăuţan str. 4, degree block number 11, Chisinau, Republic of Moldova	MOTIVATION OF MANUFACTURING PERSONNEL IN THE FIELD OF BUSINESS
	OANA Ioan Pavel <sup>1</sup> , OANA Dorina <sup>2</sup> 1, <sup>2</sup> University of Oradea, Faculty of Energy Engineering and Industrial Management, Departament of Engineering and Industrial Management in Textiles and Leatherwork, 410058 str. B. Ştefănesu Delavrancea , nr.4 Oradea, Bihor,România	ELABORATION OF ORGANIZATIONAL CONTROL STRUCTURES BY MONITORING PRODUCTS IN THE TEXTILE GARMENT INDUSTRY: AN EXAMPLE FOR A PAIR OF TROUSER
	GHERGHEL Sabina <sup>1</sup> , INDRIE Liliana <sup>2</sup> 1,2 University of Oradea, Faculty of Energy Engineering and Industrial Management, Department of Textiles, Leather and Industrial Management, B.St. Delavrancea 4, Oradea, Romania	STUDY OF THE INTEGRATED QUALITY-RISK MANAGEMENT FOR INDUSTRIAL COMPANIES
	NARİN Güler <sup>1</sup> , KİRAZ Uğur <sup>2</sup> , TEBER Sena <sup>2</sup> , KILIÇ Eylem <sup>2</sup> <sup>1</sup> Usak University University, Faculty of Engineering, Department of Chemical Engineering, 64200, Usak, Turkey, guler.narin@usak.edu.tr <sup>2</sup> Usak University University, Faculty of Engineering, Department of Material Science and Nanotechnology Engineering, 64200, Usak, Turkey,	DYE REMOVAL FROM AQUEOUS SOLUTION BY MAGNETIC HYDROGEL
11:30-12:00	Coffee & Tea Bi	
	Poster Sessio	n
12:00-13:30	Session V	
	UROŠEVIĆ Snežana <sup>1</sup> , PEJČIĆ Bojana <sup>2</sup> <sup>1</sup> University of Belgrade, Technical Faculty in Bor, Vojske Jugoslavije 12, Bor, Serbia, <sup>22</sup> City Administration, City of Nis, Serbia,	JOB SATISFACTION OF TEXTILE INDUSTRY EMPLOYEES IN REPUBLIC OF SERBIA
	IROVAN Marcela <sup>1</sup> ,TUTUNARU Irina <sup>1</sup> , FARIMA	THE SOFTWARE APPLICATION

	Daniela <sup>2</sup> , CIOCOIU Mihai <sup>2</sup> <sup>1</sup> Technical University of Moldova, Faculty of Textiles and Poligraphy, blvd Stefan cel Mare si Sfant, 168, MD 2004, Chişinău, Republic of Moldova <sup>2</sup> "Gheorghe Asachi" Technical University, Iasi, Romania	FOR MATHEMATICAL MODELLING OF TECHNOLOGICAL PROCESS IN TEXTILE INDUSTRY
	HARNAGEA Marta Catalina <sup>1</sup> , SECAN Cristina <sup>2</sup> <sup>1</sup> Advanced Intelligent Mechatronics, ENS des Mines, 880 Route de Mimet, 13120 Gardanne, France <sup>2</sup> University of Oradea, Faculty of Energy Engineering, Department of Textiles-Leather and Industrial Management, B.St.Delavrancea str., No. 4, 410087, Oradea, Romania	TENSILE STRENGHT OF COMPOSITE MATERIALS DURING THE LASTING PROCESS
	KİRAZ Uğur¹, TEBER Sena¹, PEKER Hakan¹, SALLAN Furkan Cahit¹, NARİN Güler², KILIÇ Eylem¹  ¹ Usak University University, Faculty of Engineering, Department of Material Science and Nanotechnology Engineering, 64200, Usak, Turkey  ² Usak University University, Faculty of Engineering, Department of Chemical Engineering, 64200, Usak, Turkey	PREPARATION AND CHARACTERIZATION MAGNETIC HYDROGEL
	BELINO Nuno, NUNES Mário², FIADEIRO Paulo³, ALEXANDRE Luis⁴  ¹ University of Beira Interior, Textile Science and Technology Department, Rua Marquês D´Àvila e Bolama, Covilhã - Portugal  ² University of Beira Interior, Textile Science and Technology Department, Rua Marquês D´Àvila e Bolama, Covilhã - Portugal  ³ University of Beira Interior, Physics Department, Rua Marquês D´Àvila e Bolama, Covilhã - Portugal,  ³ University of Beira Interior, Computer Science Department, Rua Marquês D´Àvila e Bolama, Covilhã - Portugal	AUTOMATIC CHARACTERIZATION OF NEEDLEPUNCHED FELTS BY CONTENT BASED IMAGE RETRIEVAL - CBIR
11:30-12:00	Coffee & Tea Br Poster Sessio	
	SECAN Cristina University of Oradea, Faculty of Energy Engineering, Department of Textiles-Leather and Industrial Management, B.St.Delavrancea str., No. 4, 410087, Oradea, Romania	CHARACTERISTICS OF COMPOUND MATERIALS FOR THE PROTECTIVE FOOTWEAR
	BELINO Nuno <sup>1</sup> , NUNES Mário <sup>2</sup> , FIADEIRO Paulo <sup>3</sup>	AUTOMATIC SYSTEM TO CONTROL THE ANISOTROPY OF

	<sup>1</sup> University of Beira Interior, Textile Science and Technology Department, Rua Marquês D'Àvila e Bolama, Covilhã - Portugal <sup>2</sup> University of Beira Interior, Textile Science and Technology Department, Rua Marquês D'Àvila e Bolama, Covilhã - Portugal <sup>3</sup> University of Beira Interior, Physics Department,	NONWOVEN FELTED WEBS
	Rua Marquês D' Àvila e Bolama, Covilhã - Portugal  Marta Catalina Harnagea¹, Cristina Secan²  ¹Advanced Intelligent Mechatronics, ENS des Mines, 880 Route de Mimet, 13120 Gardanne, France,  ² University of Oradea, Faculty of Energy Engineering, Department of Textiles-Leather and Industrial Management, B.St.Delavrancea str., No. 4, 410087, Oradea, Romania,	BY TYPIFICATION OF
13:30	Closing Ceremony	

## Poster Session

Article Title: THERMAL CONDUCTIVITY OF CHICKEN FEATHER AND PUMICE STONE REINFORCED

THERMOPLASTIC COMPOSITE MATERIALS

Authors: Authors: YUKSELOGLU S. Muge, UZUN Muhammet, OVALI Sabih

Article Title: PIEZOELECTRIC POLYMERS IN TEXTILE INDUSTRY

Authors: YUKSELOGLU S.Muge, ARSLAN A. Feyza

Article Title: A REVIEW ON SUN-PROTECTIVE CLOTHING

Authors: CANOGLU Suat, SUNTER EROGLU Nilsen, YUKSELOGLU S. Muge

Article Title: AN ANALYSIS OF CONDUCTIVE FIBERS AS SMART TEXTILES

Authors: YUCE Ismail, YUKSELOGLU Muge, CANOGLU Suat

Article Title: EFFECT OF YARN STRUCTURE ON MECHANICAL PROPERTIES OF SINGLE JERSEY

**FABRICS** 

Authors: Kathirvelu SUBRAMANIAN

Article Title: CLASSICAL AND MODERN VISIONS ON BOW TIES

Authors: CHICU Svetlana, MALCOCI Marina, CHICU Natalia

Article Title: PERFORMANCE EVALUATION OF A CIRCULAR WEFT KNITTING MACHINE THROUGH

OBSERVATION OF YARN INPUT TENSION: A CASE STUDY Authors: HOSSAIN A.K.M Mobarok, ALI Abu Rayhan Md.

Article Title: ENSURING KNITTED PRODUCTS QUALITY BY IMPROVING THEIR ECOLOGICAL

**FUNCTION** 

Authors: LUTIC Liliana

Article Title: IMPROVEMENT OF THE ERGONOMIC FUNCTION - AN ESSENTIAL CONDITION FOR

ENSURING KNITTED PRODUCTS QUALITY"

Authors: LUTIC Liliana

Article Title: FUNCTIONAL TEXTILES BY APPLYING OF BIOLOGICALLY ACTIVE COMPOUNDS:

REVIEW

Authors: CHIRILĂ Laura, RAȘCOV Marian, POPESCU Alina

Article Title: EFFECT OF BRASI-COLOR DYE ON UV PROTECTION OF BAMBOO KNITTED FABRICS

Authors: CHIRILA Laura<sup>1</sup>, MITRAN Elena-Cornelia<sup>1</sup>, DUMITRESCU Iuliana<sup>1</sup>, PERDUM Elena<sup>1</sup>, IORDACHE Ovidiu George<sup>1</sup>, STEFANESCU Dana<sup>2</sup>, PISLARU Mariana<sup>2</sup>, MANCASI Iulian<sup>3</sup>

Article Title: FUNCTIONALIZATION OF TEXTILE MATERIALS BY PLASMA TECHNOLOGY FOR

METALLIC MICROPARTICLES DEPOSITION

Authors: AILENI Raluca Maria, RADULESCU Razvan Ion, CHIRIAC Laura

Article Title: INNOVATIVE ASPECTS REGARDING UHF WAVES USED IN TEXTILE FUNCTIONALIZATION

Authors: AILENI Raluca Maria, CHIRIAC Laura, RADULESCU Razvan Ion

Article Title: INFLUENCE OF ADDITIVES ON THE CHARACTERISTICS OF NANOPARTICLES

Authors: VISILEANU Emilia, DUMITRESCU Iuliana, PERDUM Elena, MITRAN Cornelia

Article Title: CUSTOMIZED WORK EQUIPMENT THROUGH INNOVATIVE TECHNOLOGY FOR DESIGN AND VIRTUAL SIMULATION

Authors: OLARU Sabina, TRASNEA Valentin, POPESCU Georgeta, NICULESCU Claudia, SALIȘTEAN Adrian

Article Title: FINISHING TECHNOLOGIES FOR NATURAL LEATHER USED IN MODERN GARMENTS Authors: NICULESCU Olga, COARA Gheorghe

Article Title: MECHANICAL PROPERTIES OF RECYCLED COTTON NONWOVEN USING CHITOSAN AND ACRYLIC RESIN AS A BINDER

Authors: SALDAÑA Neyla, MONTAVA Ignacio, BOU-BELDA Eva, DIAZ-GARCÍA Pablo, SANTAMARIA Arturo

Article Title: APPLICATION OF PCM BINDED WITH RESINE ON A COMPOSITE MATERIAL MADE OF A POLYESTER NONWOVEN AND A JUTE FABRIC RESISTIVE LAYER

Authors: SEGURA-ALCARAZ Pilar, BONET-ARACIL Marilés, SEGURA-ALCARAZ Jorge, MONTAVA-SEGUÍ Ignacio

Article Title: 100% BIO-BASED MICROENCAPSULATED PHASE CHANGE MATERIALS AS REGULATOR OF TEMPERATURE OF TEXTILE FABRIC

Authors: LOPEZ HERNANDEZ Oscar Erick, HERCZYŃSKA Lucyna, BONET-ARACIL Marilés, BOU-BELDA Eva, GISBERT-PAYÁ Jaime

Article Title: STUDYING VARIATION IN LOOP LENGTH IN A COTTON INTERLOCK FABRIC AFTER THE WEAVING AND DYEING PROCESS

Authors: LLINARES-BERENGUER Jorge, DIAZ-GARCÍA Pablo, MIRÓ-MARTÍNEZ Pau

Article Title: STRUCTURAL INFLUENCE ON THE THERMAL BEHAVIOR OF JUTE FABRICS TREATED WITH PCMs

Authors: DE COEN Brend, BOU-BELDA Eva, MONTAVA Ignacio, DIAZ-GARCÍA Pablo, GISBERT-PAYÁ Jaime, DE VYNCK Valérie

Article Title: BIOTREATMENT OPTIMIZATION FOR A CELLULOSIC/LIGNOCELLULOSIC BLENDED FARRIC

Authors: PUSTIANU Monica, DOCHIA Mihaela, GAVRILAS Simona, MOISĂ Cristian

Article Title: COMPARATIVE STUDY ON DIFFERENT TYPES OF KNIT PRODUCTS USING SYNTHETIC INDICATORS

Authors: PUSTIANU Monica, AIRINEI Erzsebet, POPA Alexandru, BUCEVSCHI Adina

Article Title: THE INFLUENCE OF TEMPERATURE AND RECIPE FORMULATION ON THE DIELECTRIC BEHAVIOUR OF PLASTIFIED PVC FILMS

Authors: BĂLĂU MÎNDRU Tudorel, BĂLĂU MÎNDRU Iulia, BUCIȘCANU Ingrid

Article Title: THE INFLUENCE OF RECIPE FORMULATION AND ELECTRIC FIELD FREQUENCY UPON

DIELECTRIC LOSS IN PLASTIFIED PVC FILM

Authors: BĂLĂU MÎNDRU Tudorel, BĂLĂU MÎNDRU Iulia, PRUNEANU Melinda

Article Title: ALTERNATIVE LEATHER MANUFACTURING PROCESS -PRE-TANNING WITH A REACTIVE OLIGOMERIC RESIN

Authors: PRUNEANU Melinda, BUCIȘCANU Ingrid, MAIER Vasilica, BĂLĂU-MÎNDRU Tudorel

Article Title: ALTERNATIVE LEATHER MANUFACTURING PROCESS ASSESSING THE LEATHER'S ECO-FRIENDLINESS

Authors: PRUNEANU Melinda, BUCIȘCANU Ingrid, MAIER Vasilica, BĂLĂU-MÎNDRU Iulia

## ORGANIZING COMMITTEE

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