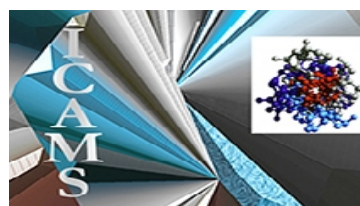




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ICAMS 2018

**7th International Conference
on Advanced Materials and Systems**

CONFERENCE PROGRAM

18-20 October 2018

Bucharest, Romania

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Short Program

CAPITAL PLAZA HOTEL

Thursday, October 18th

Mihail Kogalniceanu, Carol Davila & Pache Protopopescu meeting rooms

08:00-09:15	Registration
09:15-09:45	Opening Ceremony
09:45-11:00	Key lectures and Special Session: 100 Years from the Great Union - Promoting Cultural Identity and Heritage
11:00-11:30	Networking & Coffee break/Poster session 1
11:30-13:00	Oral presentations <i>Session 1: Advanced Functional Materials & Biomaterials</i>
13:00-14:30	Lunch break/Poster session 1

Mihail Kogalniceanu meeting room

Carol Davila meeting room

Pache Protopopescu meeting room

Ion Mincu 1 meeting room

14:30-15:45	Oral presentations <i>Session 1: Advanced Functional Materials & Biomaterials</i> <i>Session 6: Materials Processing & Product Manufacturing</i>	Oral presentations <i>Session 2: Nanotechnology and Nanomaterials</i> <i>Session 3: Emerging Techniques</i> <i>Session 4: Smart Materials</i> <i>Session 5: Materials Engineering and Performance</i>	Workshop <i>Manunet Project: InSuLA</i>	Exploratory Workshop <i>Erasmus+ Project: INNOLEA</i>
16:15-16:45	Networking & Coffee break/Poster session 1			
16:45-18:00	Oral presentations <i>Session 6: Materials Processing & Product Manufacturing</i>		National Event <i>Erasmus+ Project: FIT2COMFORT</i>	Exploratory Workshop (Continued) <i>Erasmus+ Project: INNOLEA</i>
19:30-23:00	Gala Dinner - SOLE Restaurant			

Friday, October 19th

Mihail Kogalniceanu & Carol Davila meeting rooms

Pache Protopopescu meeting room

Ion Mincu 1 meeting room

08:30-10:30	Oral presentations <i>Session 7: Modelling and Simulation</i> <i>Session 8: Materials Characterization</i> <i>Session 9: Non-destructive Testing</i>	Multiplier Event <i>Erasmus+ Project: LEAMAN</i>	Exploratory Workshop <i>Erasmus+ Project: INNOLEA</i>
10:30-11:00	Networking & Coffee break/Poster session 2		
11:00-13:00	Oral presentations <i>Session 10: Advanced Materials & Systems Innovation</i> <i>Special session: Towards a Circular Economy</i>	Poster Session 2 & Technical-Scientific Exhibition of Books and Products	Exploratory Workshop (Continued) <i>Erasmus+ Project: INNOLEA</i>
13:00-13:30	Closing Ceremony		
13:30-14:30	Lunch break		

INCOTP-ICPI Premises

14:30-17:00	Exploratory Workshop INNOLEA (Continued) - Visit in INCOTP-ICPI Pilot Station and Laboratories
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Saturday, October 20th

INCOTP-ICPI Premises

08:00-22:00	Technical and Educational Tour - (Optional) Târgoviște - The Royal Court - Visit of Cultural and Historical Objectives	10:00-13:00 Exploratory Workshop <i>Erasmus+ Project: INNOLEA</i>
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Thursday, October 18th 2018

“MIHAIL KOGALNICEANU” AND “CAROL DAVILA” MEETING ROOMS

08:00-09:00	Registration & welcome coffee
09:00-09:30	Opening Ceremony Dr. Ing ALBU Luminita; INCDTP-Div ICPI; Dr. Ing Ghituleasa Carmen; INCDTP
09:30-09:50	Special Session: 100 Years from the Great Union - Promoting Cultural Identity and Heritage Dr. Marincas Octaviana
09:50-10:25	Key lecture Dr. Ing Ghituleasa Carmen; INCDTP The Textile and Leather Industry - from Tradition to Sustainability through Research, Development and Innovation
10:25-11:00	Key lecture Dr. Prof. Gianmario Martra Beyond the shape and size control of nanoparticles: on the importance of the knowledge of surface property at a molecular level
11:00-11:30	Networking & Coffee break/Poster session
	ORAL PRESENTATIONS
11:30-13:00	SESSION 1: ADVANCED FUNCTIONAL MATERIALS & BIOMATERIALS Chair – Dr. Ing. ALBU Luminita
11:30-11:45	AY Erham, DURAN Nizami Investigation of the Antiviral activity of <i>Ficus Carica</i> l. LATEX against HSV-2
11:45-12:00	DURAN Nizami, KAYA Durmus Alpaslan Antifungal Activity of <i>Origanum Syriacum</i> L. Essential Oils against <i>Candida</i> spp.
12:00-12:15	DURAN NIZAMI, KAYA DURMUS ALPASLAN Synergistic Activities of <i>Hypericum Perforatum</i> L. and <i>Glabridin</i> against Drug Resistant <i>H. Pylori</i>isolates
12:15-12:30	GUO Song, ZHIWEN Ding, XIOANG Pang, WENQI Wang, YUETAO Yin, GUANGQUN You Study on the Functionalized Graphene Modified Waterborne Polyurethane Materials
12:30-12:45	JANKAUSKAIT Virginija, LOZOVSKIS Povilas, VALEIKA Virgilijus, VITKAUSKIEN Astra Graphene Oxide and Metal Particles Nanocomposites for Inhibition of Pathogenic Bacteria Strains
12:45-13:00	HADDAD Sandra Samy George The Status of Leather Supply Chain in Egypt: An Exploratory Study for the INNOLEA Project
13:00 - 14:30	Lunch break/Poster session 1

Thursday, October 18th 2018

“MIHAIL KOGALNICEANU” MEETING ROOM

**SESSION 1: ADVANCED FUNCTIONAL MATERIALS & BIOMATERIALS
(CONTINUED)**

Chair - PANG Xiaoyan

14:30-14:45	LEAU Sorina-Alexandra, MARIN Stefania, COARA George, ALBU Luminita, CONSTANTINESCU Rodica Roxana, ALBU KAYA Madalina Georgiana, NEACSU Ionela-Andreea Study of Wound-Dressing Materials Based on Collagen, Sodium Carboxymethylcellulose and Silver Nanoparticles used for their Antibacterial Activity in Burn Injuries
14:45-15:00	ZENGHIN Gokhan, AYAN Ebru Mavioglu, TEKIN Yunus Emre, ZENGİN Candas Adiguzel, BITLİSLİ Behzat Oral The Wastes of Vine Stem and Turkish Red Pine as an Alternative Biosorbents for the Removal Leather Dyes
15:00-15:15	ZHAO Qiuxia, MU Shengdong, LONG Yanru, LIU Xiong, GU Xiaowei, ZHOU Jin, CHEN Wuyong, GAIDAU Carmen, GU Haibin Tannin-Inspired Hydrogels with Considerable Self-Healing and Adhesive Properties
15:15-16:00	SESSION 6 - MATERIALS PROCESSING AND PRODUCT MANUFACTURING Chair - PANG Xiaoyan
15:15-15:30	AYANO LU Filiz, KAYA Durmus Alpaslan, BAHADIRLI Nadire Pelin Effects of Planting Density and Harvesting Time on Leaf and Essential Oil Yield of Bay Laurel (<i>Laurus nobilis</i> L.) Cultured in Shrub Form
15:30-15:45	BARA Adela, BANCIU Cristina, CHITANU Elena, MARINESCU Virgil, DOROGAN Angela, CARPUS Eftalea, GHITULEASA Carmen Aspects Regarding Accomplishing Multilayered Filtration Media, using Electrospun Webs
15:45-16:00	BIRBIR Meral, CAGLAYAN Pınar A Review on Catabolic Activity of Microorganisms in Leather Industry
16:00-16:15	CHIRILA Adriana, IOVAN-DRAGOMIR Alina Waterproof Process in Footwear Industry
16:15-16:45	Networking & Coffee break/Poster session 1
16:45-17:00	Klüver Enno, Meyer Michael Application of Thiol Amino Acids in a Reductive Liming Process
17:15-17:30	YAZICI Eda, BIRBIR Meral, CAGLAYAN Pınar Phenotypic Characterization and Antibiotic Susceptibilities of <i>Ewingella Americana</i> and <i>Kluyvera Intermedia</i> Isolated from Soaked Hides and Skins
19:30-23:00	Gala Dinner – SOLE Restorant

Thursday, October 18th 2018

“CAROL DAVILA” MEETING ROOM

14:30-15:00	SESSION 2 - NANOTECHNOLOGY AND NANOMATERIALS Chair - KARAVANA Huseyin Ata
14:30-14:45	HADIMBU Emanuel, BADEA Elena, CARSOTE Cristina, SENDREA Claudiu, LUCRETIA Miu Halloysite nanotubes as innovative consolidant for historical leather
14:45-15:00	HANDELMAN Amir, APTER Boris, LAPSHINA Nadia, ROSENMAN Gil Peptide Nanophotonics: Waveguides and Photonic Integrated Devices
15:00-15:30	SESSION 3 - EMERGING TECHNIQUES Chair - KARAVANA Huseyin Ata
15:00-15:15	Luminita ALBU, Gheorghe BOSTACA, Dorel ACSINTE Due Diligence for Healthy Workplaces in the European Tanning Industry
15:15-15:30	Aura Mihai New Trends on Skills for Footwear Industry
15:30-16:15	SESSION 4 - SMART MATERIALS Chair - KARAVANA Huseyin Ata
15:30-15:45	DURAN Nizami, KAYA Durmus Alpaslan Chemical Composition of Essential Oils from <i>Origanum Onites L.</i> and <i>Cymbopogon Citratus</i>, and their Synergistic Effects with Acyclovir against HSV-1
15:45-16:00	KAYA Durmus Alpaslan, DURAN Nizami The Antimicrobial Activities of <i>Myrtus Communis</i> and <i>Micromeria Fruticosa</i> Essential Oils
16:00-16:15	ÖZTÜRK evket, DURAN Nizami Antiproliferative Effects of <i>Origanum Syriacum L.</i> and <i>Myrtus Communis L.</i> on Human Colon Cancer Cell Line
16:15-16:30	SESSION 5 - MATERIALS ENGINEERING AND PERFORMANCE Chair - KARAVANA Huseyin Ata
16:15-16:30	KARAVANA Huseyin Ata, ONEM Ersin, YORGANCIOGLU Ali, EFENDIOGLU Nilay Ork, ZENGIN Arife Candas Adiguzel, BITLISLI Behzat Oral Comparative Study on the Light Fastness Properties of Different white Tanning Agents
16:15-16:45	Networking & Coffee break/Poster session 1
19:30-23:00	Gala Dinner – SOLE Restorant

Thursday, October 19th 2018

“MIHAIL KOGALNICEANU” & “CAROL DAVILA” MEETING ROOMS

08:30-10:00	SESSION 8 - MATERIALS CHARACTERIZATION Chair - MIU Lucretia
08:30-08:45	AYANO LU FILIZ, TÜRKMEN MUSA, Kaya Durmus Alpaslan Essential Oil Components of Hypericum Hircinum subsp. Majus (Aiton) n. Robson Growing in Hatay (Turkey) Flora
08:45-09:00	AYANO LU HAM T, AYANO LU FILIZ The Essential Oil Components of Musa Sage (<i>Salvia tigrina Hedge & Hub.-Mor.</i>)
09:00-09:15	BAYRAMO LU Eser Eke, YILMAZ Sevim World Raw Hides and Skins Exports and some Microbiological Problems During Exportation
09:15-09:30	CAGLAYAN Pınar, BIRBIR Meral, VENTOSA Antonio A Survey Study to Detect Problems on Salted Hides and Skins
09:30-09:45	DUMITRESCU Iuliana, CONSTANTINESCU Rodica Roxana, MITRAN Elena-Cornelia, PERDUM Elena, CHIRILA Laura, IORDACHE Ovidiu George, STEFANESCU Dana, PISLARU Mariana, MANCASI Iulian Antibacterial and UV Protective Effects of Cotton Fabrics Dyed with Brasi-Color Extract
09:30-09:45	KAYA Durmus Alpaslan, DURAN Nizami Antifungal Activity of <i>Nigella Sativa</i> and <i>Thymbra Spicata L.</i> Essential Oils against <i>Tricophyton Rubrum</i>
09:45-10:00	KAYA Durmus Alpaslan, DURAN Nizami Antimicrobial Efficacy of <i>Origanum Syriacum L.</i> and <i>Origanum Onites L.</i> Essential Oils against <i>Pseudomonas Aeruginosa</i> and their Effects on Biofilm Formation
10:00-10:20	SESSION 9 - NON-DESTRUCTIVE TESTING Chair - MIU Lucretia
10:00-10:10	XHANARI Klodian, RAMOT Aljaž, PETOVAR Barbara, FINŠGAR Matjaž In-Situ Modified Antimony-Film Glassy Carbon Electrode for Metal Trace Analysis
10:10-10:20	XHANARI Klodian, ŠAŠEK Žan, PETOVAR Barbara, FINŠGAR Matjaž Validation and Optimization of an In-Situ Copper-Modified Glassy Carbon Electrode
10:30-11:00	Networking & Coffee break/Poster session

Friday, October 19th 2018

“MIHAIL KOGALNICEANU” & “CAROL DAVILA” MEETING ROOMS

	ORAL PRESENTATIONS
11:00-12:00	SESSION 10 - ADVANCED MATERIALS & SYSTEMS INNOVATION Chair - IOVAN-DRAGOMIR Alina
11:00-11:15	HASAN Özgünay, METE Mutlu Mehmet, CEREN Tosun Cemile, ÖZGÜR Demirci, ONUR Abali, YIGIT Kaman, TALIP Sepici Pilot Scale Trials for Higher Exhausting Chromium Tanning
11:15-11:30	HU Mingyu, HUANG Quting, XU Bo, CHEN Wuyong, WU Jianxin, ZHOU Jin A Cloud System Utilized for Diabetic Foot Management
11:30-11:45	HUANG Quting, HU Mingyu, XU Bo, CHEN Wuyong, WU Jianxin, ZHOU Jin Center of Mass Movement of Preschooler During Obstacle-Crossing Walking
11:45-12:00	YILMAZ Sevim Design and Produktion of Unique Dress Collection for Summer from Kızılcaoluk “Peshtamal’s” as a Part of Education
12:00-13:00	<i>SPECIAL SESSION: TOWARDS A CIRCULAR ECONOMY</i> Chair - IOVAN-DRAGOMIR Alina
12:00-12:15	AILENI Raluca Maria, RADULESCU Razvan, CHRIAC Laura, Lilioara Surdu The Inventory of the Life Cycle for Textile Processes Involved in Obtaining Antistatic Surface
12:15-12:30	AILENI Raluca Maria, RADULESCU Razvan, CHRIAC Laura Life Cycle Inventory Analysis for Conductive Textile Based on Hydrophobic and Hydrophilic Surfaces
12:30-12:45	LUCA Alexandra, SANCHEZ Domene David, ARAN Ais Francisca Life Cycle Assessment of two Alternative End-Of-Life Scenarios for Leather Safety Shoes
12:45-13:00	OLARU Sabina, GROSU Catalin, CARPUS Eftalea, GHITULEASA Carmen Portal of Clusters and Competitiveness Poles in the Textile-Clothing Sector
13:00-13:15	OZKAN Kilicariskan Cigdem, SARDROUDI Sina Pourrasoul, ZENGHIN Arife CANDAS Adiguzel, ZENGIN Gokhan, KARAVANA Huseyin Ata, BITLISLI Behzat Oral Utilization Possibilities of Timber Wastes in Leather Manufacturing
13:30-13:45	Closing Ceremony
13:45-15:00	Lunch break

Saturday, October 20th 2018

08:30-18:00	Technical and Educational Tour (Optional) Targoviste – The Royal Court & Brancoveanu Court of Potlogi
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Thursday, October 19th 2018 - POSTER SESSION 1

ADVANCED FUNCTIONAL MATERIALS & BIOMATERIALS

P1.1	ALEXANDRESCU Laurentia, SONMEZ Maria, GEORGESCU Mihai, STELESCU Maria Daniela, GURAU Dana Antibacterial Polymeric Nanocomposites with Pet and TiO₂ Functionalized Nonoparticles with Application in Medical and Food Industry
P1.2	ALEXANDRESCU Laurentia, SONMEZ Maria, GEORGESCU Mihai, FICAI Anton, TRUSCA Roxana, GURAU Dana, TUDOROIU Ligian Polyamide/Polypropylene/Graphite Nanocomposites with Functional Compatibilizers
P1.3	BERECHET Daniela, GAIDAU Carmen, NICULESCU Mihaela, STANCA Maria The Influence of Alkaline Hydrolysis of Wool By-Products on the Characteristics of Keratin Hydrolysates
P1.4	BOBIC Simona, CONSTANTIN Vlad Denis, ALBU KAYA Madalina Georgiana, MARIN Stefania, DANILA Elena, DIMITRIU Mihai, SOCEA Bogdan Postoperative Peritoneal Adhesions Prophylaxy using Collagen-Based Biomaterials
P1.5	CAPRARU Ovidiu, HERMAN Cosmin, LUNGU Bogdan, STANCULESCU Ioana Application of Gamma Irradiation for the Functionalization of Textile Materials
P1.6	CHIRILA Laura, POPESCU Alina, CHIRIAC Laura, CONSTANTINESCU Rodica Roxana, CHELARU Ciprian, MITRAN Elena-Cornelia, RASCOV Marian, PRICOP Floarea Functional Finishing of Textiles Using Bioactive Agents Based on Natural Products
P1.7	CONSTANTIN Vlad Denis, CARAP Alexandru, BOBIC Simona, BUDU Vlad, ALBU KAYA Madalina Georgiana, MARIN Stefania, MARIN Maria Minodora, SOCEA Bogdan Tissue Engineering - Collagen Sponge Dressing for Chronic Wounds
P1.8	DESELNICU Viorica, CHIRILA Corina Antimicrobial Composition for the Protection of Leather, Furs and Leather Articles
P1.9	DRAGHICI Roxana-Denisa, MARIN Maria Minodora, ALBU KAYA Madalina Georgiana, GHICA Mihaela Violeta, ANUTA Valentina, DINU-PIRVU Cristina, KAYA Durmus Alpaslan, COARA Gheorghe, ALBU Luminita, CHELARU Ciprian Diclofenac Spongius Matrices Based on Collagen and Alginate for Relieving Injury Pains
P1.10	FLOAREA Andrei Dan, DANILA Elena, CONSTANTINESCU Rodica Roxana, COARA Gheorghe, ALBU Luminita, KAYA Albu Madalina Georgiana, CHELARU Ciprian Composite Scaffolds for Bone Regeneration Made of Collagen/Hydroxyapatite/Eucalyptus Essential Oil
P1.11	IORDACHE Ovidiu, PERDUM Elena, MITRAN Elena-Cornelia, CHIVU Andreea, DUMITRESCU Iuliana, FERDES Mariana, SANDULACHE Irina-Mariana Novel Myco-Composite Material Obtained with Fusarium Oxysporum
P1.12	MARIN Maria Minodora, MARIN Stefania, DANILA Elena, ALBU KAYA Madalina Georgiana, GHICA Mihaela Violeta, POPA Lacaramioara, PRISADA Razvan Mihai, COARA Gheorghe, CHELARU Ciprian Influence of the Formulation and Preparation Technique on the Flufenamic Acid Release from Different Collagenic Supports Designed for Wound Healing
P1.13	NICULESCU Mihaela-Doina, GRZESIAK Edyta, GAIDAU Carmen, EPURE Doru Gabriel, SENDREA Claudiu, GIDEA Mihai New Compositions with Crosslinked and Uncrosslinked Collagen Polydispersions for Systemic Treatments in Agriculture
P1.14	PRICOP Floarea, CHIRILA Laura, POPESCU Alina, RASCOV Marian, SCARLAT Razvan Study Regarding the Development of the Functional Textiles with Antimicrobial Properties
P1.15	PRICOP Floarea, POPESCU Alina, RASCOV Marian, CHIRILA Laura, SCARLAT Razvan, BUZDUGAN Maria, CEREMPEI Angela, MURESAN Emil Study on the Aroma-Therapeutic Effects of Textiles Functionalized by Herbal Extracts
P1.16	STELESCU Maria Daniela, ALEXANDRESCU Laurentia, GEORGESCU Mihai, SONMEZ Maria, ZUGA Niculina, NITUICA Mihaela Dynamic Vulcanized Thermoplastic Elastomers Based on Ethylene-Propylene Terpolymer and Polyethylene
P1.17	STELESCU Maria Daniela, ALEXANDRESCU Laurentia, SONMEZ Maria, GEORGESCU Mihai, NITUICA Mihaela, GURAU Dana Polymeric Composites Based on Plastified PVC and Zinc Oxide Nanoparticles
P1.18	SONMEZ Maria, FICAI DENISA, FICAI Anton, OPREA Ovidiu, ARDELEAN Ioana Lavinia, TRUSCA Roxana, ALEXANDRESCU Laurentia, NITUICA Mihaela, STELESCU Maria Daniela, GEORGESCU Mihai, GURAU Dana Identifying The Optimum Method For Modifying The Zinc Oxide Surface In Order To Obtain A High Deposit Degree Of The Functioning Agent

Thursday, October 19th 2018 - POSTER SESSION 1

NANOTECHNOLOGY AND NANOMATERIALS

P2.1	DEGHFEL Bahri, MAHROUG Abdelhafid, AMARI Rabie, BOUKHARI Ammar, BENTABET Abdelouhab Experimental and First Principles Study of Structural, Electronic and Optical Properties of $Zn_{0.875}Mn_{0.125}O$ thin Film
P2.2	MAHROUG Abdelhafid, AMARI Rabie, BOUKHARI Ammar, DEGHFEL Bahri Studies on Structural, Surface Morphological, Optical, Luminescence and UV Photodetection Properties of Sol Gel Oxides Nanocomposites
P2.3	REBBA Eica, ALBERTO Gabriele, IVANCHENKO Pavlo, BORDIGNON Simone, CHIEROTTI Michele Remo, PORCARO Rita, MARTRA Gianmario Nanomaterials for Eco-Sustainable Waterproofing Leather Finishing
P2.4	SIMION Demetra, GAIDAU Carmen, CHIRILA Corina, BERECHET Daniela, NICULESCU Mihaela-Doina, EPURE Doru Gabriel New Structured Emulsions Based on Renewable Resources Generated by Leather and Fur Industry, with Application in Agriculture

EMERGING TECHNIQUES

P3.1	Luminita ALBU, PANAYIOTA Vasileiou, Dimos PAPAKONSTANTINOU, Joaquim Gaiao, Desiree SCALIA, Viorica DESELNICU, Virgilijus Valeika, Dana Corina DESELNICU INNOLEA - Innovation for the Leather Industry in Jordan and Egypt
P3.2	Luminita ALBU, Alcino MARTINHO, Dimos PAPAKONSTANTINOU, Rosa Ana PÉREZ FRANCÉS, Malgorzata SIKORSKA, Desiree SCALIA, Carlos VAZ DE CARVALHO, Viorica DESELNICU LEAMAN - Manager in an Efficient and Innovative Leather Company
P3.3	MARLENA Pop, MANEA Ivona, ANDRONACHE Bianca Cultural Identity in Product Design of Fashion Technology – Tools and Method
P3.4	SALISTEAN Adrian, TOMA Doina, NICULESCU Claudia, OLARU Sabina Equipments and Support Systems for Intervention in Emergency Situations - The Conceptual Scheme

MATERIALS ENGINEERING AND PERFORMANCE

P5.1	FOIASI Traian Extensions of Footwear and Leather Goods Design in Day-To-Day Life
P5.2	OLGA NICULESCU, GHEORGHE COARA, CIPRIAN CHELARU New Products based on Essential Oils for Finishing Natural Leathers with Antifungal Performances – Part I
P5.3	OLGA NICULESCU, GHEORGHE COARA, CIPRIAN CHELARU New Products based on Essential Oils for Finishing Natural Leathers with Antifungal Performances – Part 2

MATERIALS PROCESSING AND PRODUCT MANUFACTURING

P6.1	DOROGAN Angela, BURNICHI Floarea, CARPUS Eftalea, CONSTANTIN Petre Agrotextile Systems - Strategic Development Elements for a Sustainable Agriculture
P6.2	FERDINANDOV Nikolay Vasilev, GOSPODINOV Danail Dimitrov, ILIEVA Mariana Dimitrova, RADEV Rossen Hristov Mechanical Properties of Arc Welded in Vacuum Ti-6Al-4V Alloy
P6.3	FERDINANDOV Nikolay Vasilev, GOSPODINOV Danail Dimitrov, ILIEVA Mariana Dimitrova, RADEV Rossen Hristov Structure and Pitting Corrosion of Ti-6Al-4V Alloy and Ti-6Al-4V Welds
P6.4	GEORGESCU Mihai, ALEXANDRESCU Laurentia, NITUICA Mihaela, STELESCU Daniel, GURAU Dana Polymeric Composites Based on Rigid PVC and Zinc Oxide Nanoparticles
P6.5	KUCHERENKO Yelyzaveta, BUDASH Yurii, PLAVAN Viktoriia, HORBATENKO Maryna Manufacturing and Properties of Nonwovens Based on Waste from Elastic Fibers
P6.6	SONMEZ Maria, FICAI Denisa, FICAI Anton, OPREA Ovidiu, ARDELEAN Ioana Lavinia, TRUSCA Roxana, GHIZDAVET Zeno, ALEXANDRESCU Laurentia, NITUICA Mihaela, STELESCU Maria Daniela, GEORGESCU Mihai, GURAU Dana, DOINA Constantinescu The Influence of EVA and PE-G-AM Compatibilizers on the Processability, Mechanical and Structural Properties of Recycled PET / HDPE Mix
P6.7	TOMA Doina, POPESCU Alina, NICULESCU Claudia, POPESCU Georgeta, SALISTEAN Adrian, ISTRATE Marcel, BUZDUGAN Maria, RADU Marcela Undergarment PPE with Modular Structure for Staff Working in the National Defense, Public Order and Security System
P6.8	VASILESCU Ana-Maria, PANTAZI Mirela Study of Center of Pressure (COP) in Gait Analysis of Elderly Women in Romania
P6.9	VLAŠENKO Viktoriia, ARABULI SVITLANA, SMERTENKO Petro Deposition of Metal – Nanoparticles in Textile Structure by Chemical Reduction Method for UV-Shielding

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MODELLING AND SIMULATION

P7.1	DURBACA Ion, DURBACA Adrian-Costin Analysis with Finite Element of Layered Composite Structures Having Triangular Cellular Core
P7.2	PANTAZI Mirela, VASILESCU Ana-Maria Establishing Anthropometric Foot Sizes of the Male Population in Romania in Order to Develop an Original Romanian Standard

MATERIALS CHARACTERIZATION

P8.1	DUMITRESCU Iuliana, CONSTANTINESCU Rodica Roxana, MITRAN Elena-Cornelia, PERDUM Elena, CHIRILA Laura, IORDACHE Ovidiu George, STEFANESCU Dana, PISLARU Mariana, MANCASI Iulian Antibacterial and UV Protective Effects of Cotton Fabrics Dyed with Reseda Luteola Extract
P8.2	FLORESCU Margareta-Stela, COARA Gheorghe Evaluation of the Complexity of Research Projects by Multi-Criterial Decision Methodologies
P8.3	IORDACHE Ovidiu, DUMITRESCU Iuliana, CHELARU Ciprian, PERDUM Elena, MITRAN Elena-Cornelia, CHIVU Andreea, SANDULACHE Irina-Mariana FT-IR Analysis of Fusarium Oxysporum Grown Myco-Composite
P8.4	MITRAN Elena-Cornelia, RADU Gabriel-Lucian, PERDUM Elena, IORDACHE Ovidiu-George, SANDULACHE Irina-Mariana, CHIVU Ana-Maria Andreea Patrimony Textile Materials Short Characterization
P8.5	PERDUM Elena, DUMITRESCU Iuliana, MITRAN Cornelia-Elena, SANDULACHE Irina-Mariana, IORDACHE Ovidiu George Synthetic Pyrethroids Determination from Functionalized Textile Materials – PERMETHRIN
P8.6	ROSU Marcela-Corina, COROS Maria, PORAV Alin-Sebastian, TURZA Alexandru, CHIRILA Laura, GAIDAU CARMEN, TIMPU Daniel, MATEESCU Alice-Ortansa, STANCULESCU Ioana-Rodica Self-cleaning properties of cotton gauzes impregnated with calcium alginate/ TiO₂-Ag/reduced graphene oxide composite
P8.7	SANDULACHE Irina-Mariana, MITRAN Cornelia-Elena, PERDUM Elena, IORDACHE Ovidiu George, CHIVU Ana-Maria Andreea Physical and Chemical Assessment of a Patrimony Sample
P8.8	VALEIKA Virgilijus, JANKAUSKAIT Virginija, BELEŠKA K stutis, VALEIKIEN Violeta Biodegradability of Hair as a Waste of Leather Industry

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ADVANCED MATERIALS & SYSTEMS INNOVATION

P10.1	CONSTANTINESCU Rodica Roxana, ZAINESCU Gabriel, BOSTACA Gheorghe Biotechnology for Obtaining A Retanning Agent From Fleshings
P10.2	HERMAN Cosmin, CAPRARU Ovidiu, LUNGU Bogdan, STANCULESCU Ioana Treatment and Processing of Leather Materials Using Gamma Radiation
P10.3	ZAINESCU Gabriel, DESELNICU Viorica, DESELNICU Dana Corina, PANG Xiaoyan, ALBU Luminita, CONSTANTINESCU Rodica Roxana Utilization of Sludge from Leather Tanning Residual Baths as Additive in Mortars
P10.4	MILITARU Gheorghe, DANA Corina Deselnicu, IUSTINA-CRISTINA Costea-Marcu Using a Software Application Tool to Improve Marketing Activities

TOWARDS A CIRCULAR ECONOMY

P11.1	DESELNICU Dana Corina, MILITARU Gheorghe, DESELNICU Viorica, ZAINESCU Gabriel, ALBU Luminita Sustainable Development in the Frame of the 7th Environment Action Programme
P11.2	DESELNICU Dana Corina, MILITARU Gheorghe, DESELNICU Viorica, ZAINESCU Gabriel, ALBU Luminita Towards a Circular Economy– A Zero Waste Programme for Europe
P11.3	DESELNICU Viorica, ZAINESCU Gabriel, ALBU Luminita, DESELNICU Dana Corina, MILITARU Gheorghe, PANG Xiaoyan Circular Economy – An Innovative and Creative Production Model
P11.4	ZAINESCU Gabriel, DESELNICU Viorica, CONSTANTINESCU Rodica Roxana Composite Structures Containing Leather Fibers with Applications in Constructions Industry