

**ORGANIZED BY:**

NATIONAL RESEARCH  
AND DEVELOPMENT INSTITUTE  
FOR TEXTILES AND LEATHER (INCDTP)  
DIVISION: LEATHER AND FOOTWEAR  
RESEARCH INSTITUTE (ICPI)



# ICAMS 2024

## ADVANCED MATERIALS AND SYSTEMS

Programme of the 10th International Conference

October 30th - 31st, 2024

Online Event



National Research & Development Institute for Textiles and Leather (INCDTP),  
Division Leather & Footwear Research Institute (ICPI), Bucharest, Romania

# ICAMS 2024

10<sup>th</sup> International Conference  
on Advanced Materials and Systems

**CONFERENCE PROGRAM**

30-31 October 2024

Bucharest, Romania

[www.icams.ro](http://www.icams.ro)

# Partners

## ORGANIZED BY:



National Research & Development  
Institute for Textiles and Leather  
(INCDTP), Bucharest, Romania



Division Leather & Footwear  
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## FOREWORD

ICAMS 2024 is offering the framework for presenting the latest results in research, focusing on the field of Materials Science and Innovative Technologies, which records an impressive dynamic and is recognized as a current national and European priority.

The ICAMS 2024 international event, organised by the National Institute for Research and Development for Textiles and Leather - Division: Leather and Footwear Institute (INCDTP-ICPI) takes place online on 30-31 October 2024. ICAMS 2024 brings together different stakeholders and provides a platform for a better understanding of the European innovation ecosystem while raising awareness of the actions needed to enable synergies and drawing lessons for future actions.

The conference provides the opportunity for exchanging ideas and experience with researchers, scientists and experts at international level, and for developing new scientific contributions.

Around 100 participants will virtually attend the event from several academic and research institutions, public and private sectors, as well as Managing Authorities. Participants will present their experience on research, innovation, policies and the creation of synergies. All these inputs offer insightful elements for discussion in the different participatory sessions throughout the event.

The conference topics include, but are not limited to:

- **Advanced Materials and Nanomaterials**
- **Biomaterials and Biotechnologies**
- **Innovative Systems, Technologies and Quality Management**
- **Ecological Processes for Circular and Neutral Economy**
- **Creative Industries and Cultural Heritage**
- **Education and Digitalization**

We would like to thank all the participants, the International Scientific Committee, and the partners that made this scientific event possible. ICAMS Conference has already become a tradition, contributing to the advancement of Materials Science in research, academic, social and business environments worldwide.

EDITORS,

**Dr. Laurenția ALEXANDRESCU**

Scientific Secretary, INCDTP - Division: Leather and Footwear Research Institute (ICPI), RO

**Dana GURĂU**

INCDTP - Division: Leather and Footwear Research Institute (ICPI), RO

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# Short Program

<b>Wednesday, October 30<sup>th</sup> 2024</b>	
10:00 - 10:10	OPENING CEREMONY
10:10 - 11:10	KEYNOTE SESSION
11:10 - 11:20	SHORT BREAK
11:20 - 13:00	Oral presentations TOPIC 1: ADVANCED MATERIALS AND NANOMATERIALS
13:00 - 13:30	LUNCH BREAK
13:30 - 14:00	WORKSHOP: Outcomes of the Erasmus+ Project DigitalFashion
14:00 - 15:30	Oral presentations TOPIC 1: ADVANCED MATERIALS AND NANOMATERIALS (CONTINUED)
15:30 - 15:40	SHORT BREAK
15:40 - 16:30	Oral presentations TOPIC 3: INNOVATIVE SYSTEMS, TECHNOLOGIES AND QUALITY MANAGEMENT
16:30 - 16:40	SHORT BREAK
16:40 - 18:20	Oral presentations TOPIC 4: ECOLOGICAL PROCESSES FOR CIRCULAR AND NEUTRAL ECONOMY

<b>Thursday, October 31<sup>st</sup> 2024</b>	
10:00 - 10:40	Oral presentations TOPIC 5: CREATIVE INDUSTRIES AND CULTURAL HERITAGE
10:40 - 12:10	Oral presentations TOPIC 6: EDUCATION AND DIGITALIZATION
12:10 - 12:20	SHORT BREAK
12:20 - 14:30	TRAINING SESSION: MDPI Open Access Publishing Romania
14:30 - 15:00	LUNCH BREAK
15:00 - 16:50	Oral presentations TOPIC 2: BIOMATERIALS AND BIOTECHNOLOGIES
16:50 - 17:00	SHORT BREAK
17:00 - 18:30	Oral presentations TOPIC 2: BIOMATERIALS AND BIOTECHNOLOGIES (CONTINUED)
18:30 - 18:40	CLOSING CEREMONY

Wednesday, October 30<sup>th</sup> 2024

## OPENING CEREMONY

10:00 - 10:10 Laurenția ALEXANDRESCU - Scientific Secretary, INCDTP-ICPI

## KEYNOTE SESSION

*Chair: Dana GURĂU*

10:10 - 10:30 Robert J. MITCHELL  
**Addressing the Silent Pandemic: Coupling Predatory Bacteria with Other Antibacterials as a Powerful Deterrent to Multidrug-Resistant Pathogens**

10:30 - 10:50 Izabela Cristina STANCU  
**Next3DBone - Engineering Bioinspired Biomaterials for 3D Printing to Stimulate Bone Regeneration**

10:50 - 11:10 Lóránt KISS  
**Enhancing the Applicability of Surface-Activated Ground Tire Rubber in Natural Rubber-Based Mixtures for Sustainable Recycling**

11:10 - 11:20 **SHORT BREAK**

## TOPIC 1: ADVANCED MATERIALS AND NANOMATERIALS

*Chairs: Carmen GAIĐĂU & Demetra SIMION*

11:20 - 11:30 Osman ADIGUZEL  
**Shape Reversibility and Memory Characteristics of Shape Memory Alloys**

11:30 - 11:40 Raluca Maria AILENI, Adrian Cornel MARIN, Ion Răzvan RĂDULESCU, Cezar LUPESCU  
**Optimisation of the Conductive Materials Development for Sensors and EM Shielding**

11:40 - 11:50 Raluca Maria AILENI, Adrian Cornel MARIN  
**Variance Analysis of the Textile Electroconductive Materials Used for Sensors**

11:50 - 12:00 Assel BAIDILDAYEVA, Gizem Ceylan TÜRKOĞLU, Mustafa ÖKEER, Bayri ERAÇ, Huseyin Ata KARAVANA  
**Textile-Based Footwear Linings Functionalized with Laurel Oil Microparticles: Antimicrobial Protection**

12:00 - 12:10 Laurențiu DINCĂ, Cezar LUPESCU, Elena PERDUM, Ion Răzvan RĂDULESCU  
**Morphological Characterization of Chemically Carbon-Conductivized Cotton**

12:10 - 12:20 Eser EKE BAYRAMOĞLU, Sultan ÇİVİ  
**Review of Tannins Currently Used in the Leather Industry. Part 1: Hydrolysable Tannins**

12:20 - 12:30 Eser EKE BAYRAMOĞLU, Sultan ÇİVİ  
**Review of Tannins Currently Used in the Leather Industry. Part 2: Condensed Tannins**

12:30 - 12:40 Mihaela-Cristina LITE, Laura CHIRILĂ, Doina TOMA, Roxana CONSTANTINESCU, Demetra SIMION, Mădălina IGNAT, Alina POPESCU, George-Ovidiu IORDACHE  
**Surfactant Influence on the Synthesis of Zinc Oxide Nanoparticles as Potential Antimicrobial Treatment for Textiles**

12:40 - 12:50	<u>Marius-Alexandru-Cezar LUPESCU</u> , Ion Răzvan RĂDULESCU, Laurențiu-Christian DINCĂ, Elena PERDUM, Raluca Maria AILENI <b>Textile-based Supercapacitors for Wearable Applications - A Short Review</b>
12:50 - 13:00	<u>Cornel Adrian MARIN</u> , Raluca Maria AILENI <b>The Effect of Physical Vapor Deposition (PVD) on Textile Materials</b>
13:00 - 13:30	<b>LUNCH BREAK</b>
<b>WORKSHOP: Outcomes of the Erasmus+ Project DigitalFashion</b>	
13:30 - 13:40	<u>Ion Răzvan RĂDULESCU</u> <b>The Developed E-Learning Resources for Virtual Prototyping of Clothing</b>
13:40 - 13:50	<u>Emilia VISILEANU</u> <b>The Needs of Implementing Virtual Prototyping into Textile Enterprises</b>
13:50 - 14:00	<u>Cristina GROSU</u> <b>The Content of the Educational Modules</b>
<b>TOPIC 1: ADVANCED MATERIALS AND NANOMATERIALS (CONTINUED)</b> <i>Chairs: Carmen GAIDĂU &amp; Cosmin ALEXE</i>	
14:00 - 14:10	<u>Olena OKHMAT</u> , <u>Olena MOKROUSOVA</u> , <u>Pavlo PYSARENKO</u> <b>Potential of Silver Nanoparticles in Imparting Antimicrobial Properties to Leather</b>
14:10 - 14:20	<u>Nilay ORK EFENDIOGLU</u> , <u>Dogukan ERGUVEN</u> , <u>Sinem BEKTAS</u> , <u>Huseyin Ata KARAVANA</u> , <u>Behzat Oral BITLISLI</u> <b>Production and Performance Enhancement of Transparent and Shadow Puppet Show Leathers</b>
14:20 - 14:30	<u>Elena PERDUM</u> , <u>Emilia VISILEANU</u> , <u>Marian GROSU</u> , <u>Laurențiu DINCĂ</u> , <u>Cezar LUPESCU</u> <b>Functionalization of Textile Materials with Volatile Compounds</b>
14:30 - 14:40	<u>Nataliia PERVAIA</u> , <u>Olga HARANINA</u> , <u>Natalia BORSCHEVSKA</u> , <u>Galina LOBANOVA</u> <b>The Impact of Laser Finishing on Leather Properties</b>
14:40 - 14:50	<u>Viktoriia PLAVAN</u> , <u>Nataliia TARASENKO</u> , <u>Iryna LISOVSKA</u> <b>Modification of Chemical Fibers with Plant Polyphenols to Improve Their Sorption Properties</b>
14:50 - 15:00	<u>Demetra SIMION</u> , <u>Alexandra ENE</u> , <u>Alina POPESCU</u> , <u>Laura CHIRILĂ</u> , <u>Cristina LITE</u> , <u>Carmen GAIDĂU</u> , <u>Daniela BERECHET</u> , <u>Rodica Roxana CONSTANTINESCU</u> <b>Design of New Structured Bioemulsions, Based on Vegetable Extracts and Surfactants, Using Innovative Biotechnologies</b>
15:00 - 15:10	<u>Doina TOMA</u> , <u>Alina POPESCU</u> , <u>Laura CHIRILĂ</u> , <u>Mihaela-Cristina LITE</u> , <u>Cristina GROSU</u> , <u>Georgeta POPESCU</u> <b>Functional Clothing Design for the Elderly</b>
15:10 - 15:20	<u>Alina Florentina VLADU</u> , <u>Emilia VISILEANU</u> , <u>Radu Nicolae ALBULESCU</u> , <u>Viviana ROMAN</u> , <u>Roxana Rodica CONSTANTINESCU</u> , <u>Adrian ALBULESCU</u> <b>Antibacterial-treated Textiles with Natural Active Compounds</b>



15:20 - 15:30	<u>Antonina ZAIETS</u> , Olga ANDREYEVA Liquid Leather Finishing Using Polymers and Modified Fats
15:30 - 15:40	SHORT BREAK
<b>TOPIC 3: INNOVATIVE SYSTEMS, TECHNOLOGIES AND QUALITY MANAGEMENT</b> <i>Chairs: Mihai GEORGESCU &amp; Mirela PANTAZI-BĂJENARU</i>	
15:40 - 15:50	<u>Sadman SADIK</u> , Syed Mahedi HASEN Industrial Workers Efficiency in Indian Subcontinent: A Machine Learning Model Approach
15:50 - 16:00	<u>Anil ÖZÇELİK</u> , Eser EKE BAYRAMOĞLU, Ali Maruf ALASKAN Review on Soundboard in Rebab Production. Part I: Rebab, Leather, and Bovine Pericardium Structure
16:00 - 16:10	<u>Anil ÖZÇELİK</u> , Eser EKE BAYRAMOĞLU, Ali Maruf ALASKAN Review on Soundboard in Rebab-Making. Part II: Mechanical Behavior Relationship between Bovine Pericardium and Sound
16:10 - 16:20	<u>Van-Huan BUI</u> , Duy-Nam PHAN, Phong-Hoa DUONG Research on Building Management Model and Enterprise Resource Planning for Footwear Businesses in Vietnam
16:20 - 16:30	<u>Adrian SĂLIȘTEAN</u> , Carmen MIHAI The Development of an Autonomous Foil Kite - Wind Energy Experimental Generator
16:30 - 16:40	SHORT BREAK
<b>TOPIC 4: ECOLOGICAL PROCESSES FOR CIRCULAR AND NEUTRAL ECONOMY</b> <i>Chairs: Alina COMAN &amp; Cosmin ALEXE</i>	
16:40 - 16:50	<u>Mariana Daniela BERECHEȚ</u> , Demetra SIMION, Maria Daniela STELESCU, Mihai GEORGESCU, Maria SÖNMEZ The Utilization of Coffee Waste as Reinforcing Agent in Polymeric Composites - Part I - Coffee Grounds Treatment Methods
16:50 - 17:00	<u>Mariana Daniela BERECHEȚ</u> , Demetra SIMION, Maria Daniela STELESCU, Mihai GEORGESCU, Maria SÖNMEZ The Utilization of Coffee Waste as Reinforcing Agent in Polymeric Composites - Part II - Types of Polymeric Composites
17:00 - 17:10	<u>Marcelo BERTAZZO</u> , Alberto VICO-LÓPEZ, María Isabel MAESTRE-LÓPEZ, Irene LIFANTE MARTÍNEZ, Francisca ARÁN AÍS, Elena ORGILÉS-CALPENA Analysis of the Influence of Leather Finishes on the Biodegradability and Composting of Leather
17:10 - 17:20	<u>Maria-Felicia DONDEA</u> , Emilia VISILEANU, Marian Cătălin GROSU, Răzvan SCARLAT, Alina VLADU Applications of Circular Economy Principles for Textile Waste
17:20 - 17:30	<u>Maria J. FERREIRA</u> , Vera PINTO, Patricia COSTA, Adriana SOARES & BioShoes4All Consortium BioShoes4All - Innovative Green Materials, Processes and Products

17:30 - 17:40	<p>Carmen GAIDĂU, Maria STANCA, Demetra SIMION, Mariana Daniela BERECHET, <u>Cosmin-Andrei ALEXE</u></p> <p><b>Collagen and Keratin Hydrolysates as Valuable Additives for Renewable New Products in Circular Economy</b></p>
17:40 - 17:50	<p>Maria Daniela STELESCU, <u>Mihai GEORGESCU</u>, Maria SÖNMEZ, Lóránt KISS, Doina CONSTANTINESCU</p> <p><b>Study on the Composition of Vulcanized Rubber Mixtures from Waste Tyre</b></p>
17:50 - 18:00	<p>Maryna ZHALDAK, Valentyna POLIUHA, Olena MOKROUSOVA, Anna OLESHKO, Olena BUDIAKOVA, Taras KARAVAYEV</p> <p><b>Implementation of the Principles of Bioeconomy in Leather Production</b></p>
18:00 - 18:10	<p><u>Laurenția ALEXANDRESCU</u>, Maria-Daniela STELESCU, Maria SÖNMEZ, Mihai GEORGESCU, Dana GURĂU</p> <p><b>Expanded Composite with Thermomicrocapsules, Based on Styrene-Butadiene-Styrene Elastomer, and Functionalized Calcium Carbonate Waste from Seashells</b></p>
18:10 - 18:20	<p><u>Laurenția ALEXANDRESCU</u>, Maria-Daniela STELESCU, Maria SÖNMEZ, Mihai GEORGESCU</p> <p><b>Functionalized Calcium Carbonate Waste from Dolomite Used in a Compact Thermoplastic Polymer Composite</b></p>

Thursday, October 31<sup>st</sup> 2024

**TOPIC 5: CREATIVE INDUSTRIES AND CULTURAL HERITAGE**

*Chair: Dana GURĂU*

10:00 - 10:10	<u>Cristina CARȘOTE</u> The Investigation of a 17th Century Parchment Document
10:10 - 10:20	<u>Tetiana KOLESNYK</u> , Olga ANDREYEVA, Oleg KOLESNYK, Nina MEREZHKO Improvement of Parchment Technology
10:20 - 10:30	<u>Megabi YIZENGAW</u> , Tamrat TESFAYE, Bereket BEKELE Exploring Tribal Tattoo Motifs of Gojjam, Ethiopia on Vegetable-Tanned Leather
10:30 - 10:40	<u>Mirela PANTAZI-BĂJENARU</u> , Traian FOIAȘI, Dana GURĂU, Mihai GEORGESCU Idea Sketches, Generators of Modern Aesthetic Concepts in Fashion

**TOPIC 6: EDUCATION AND DIGITALIZATION**

*Chairs: Mihai GEORGESCU & Cosmin ALEXE*

10:40 - 10:50	<u>Raluca Maria AILENI</u> , Ion Răzvan RĂDULESCU A New Approach for Development of the Interactive E-Learning Courses for Smart Textiles
10:50 - 11:00	<u>Florentina Alina GRIGORESCU (PÎRVU)</u> Exploring the Educational Potential of Video Games in the Digital Age
11:00 - 11:10	<u>Alina IOVAN-DRAGOMIR</u> , Aura MIHAI Learning Factory. Research on Education and Training Needs in the Leather Goods Industry
11:10 - 11:20	<u>Ilie-Dănuț NEAGOE</u> , Dana Corina DESELCU Procedure for the Circulation of Documents to Support the Digitalization Process in Public Institutions
11:20 - 11:30	Dimosthenis PAPAKONSTANTINOY, <u>Lina TSAKALOU</u> , Mehmet Mete MUTLU The Contribution of the Erasmus+ Programme Towards a Sustainable Leather Production for Europe: The SULEAP Project
11:30 - 11:40	<u>Ion Răzvan RĂDULESCU</u> , Georgeta POPESCU, Cristina GROSU, Sabina OLARU, Xianyi ZENG, Cosmin COPOT Fabric Database for E-Learning Platform in the Field of Virtual Clothing Prototyping
11:40 - 11:50	<u>Sebastian SBÎRNĂ</u> , Liana-Simona SBÎRNĂ Histogrammally Comparing Mathematical Simulation Results in Modeling a Stochastic Process Exhibiting both Continuous and Discrete Variations
11:50 - 12:00	<u>Sebastian SBÎRNĂ</u> , Liana-Simona SBÎRNĂ Implementing Jacobi Algorithm <i>versus</i> Gauss-Seidel Algorithm in Solving a Discretized Problem
12:00 - 12:10	<u>Tatiana SHCHERBATYUK</u> , Olena OKHMAT, Olena MOKROUSOVA Impact of Educational Popularization of Genetics on the Development of Society

12:10-12:20	SHORT BREAK
TRAINING SESSION: MDPI Open Access Publishing Romania	
12:20 - 13:20	<u>Diana RĂDULESCU</u> Academic Article-Writing Techniques
13:20 - 13:30	SHORT BREAK
13:30 - 14:30	<u>Diana RĂDULESCU</u> Publication Ethics
14:30 - 15:00	LUNCH BREAK
TOPIC 2: BIOMATERIALS AND BIOTECHNOLOGIES <i>Chairs: Mădălina ALBU KAYA &amp; Durmuş Alpaslan KAYA</i>	
15:00 - 15:10	<u>Cristina Elisabeta PELIN</u> , <u>Maria SÖNMEZ</u> , <u>Roxana TRUȘCĂ</u> , <u>George PELIN</u> , <u>Mihai GEORGESCU</u> , <u>Daniela STELESCU</u> , <u>Laurenția ALEXANDRESCU</u> , <u>Mirela PANTAZI-BĂJENARU</u> Obtaining and Characterizing Composites Based on Polylactic Acid / Modified Jute Fibers
15:10 - 15:20	<u>Zehra Betül AHI</u> Comparative Study of Extraction, Chemical Modification, and 3D Bioprinting Applications of Collagen Derived from Different Animal Sources
15:20 - 15:30	<u>Akvilė ANDZIUKIČIŪTĖ-JANKŪNIENĖ</u> , <u>Erika ADOMAVIČIŪTĖ</u> , <u>Virgilijus VALEIKA</u> , <u>Virginija JANKAUSKAITĖ</u> Investigation of Electrospun Keratin-based Mats for Medical Applications
15:30 - 15:40	<u>Desislava S. ANGELOVA</u> , <u>Darina ZHELEVA</u> , <u>Yana GOCHEVA</u> , <u>Ekaterina KRUMOVA</u> Antibacterial Coating for Shoe Insoles with Titanium Dioxide Nanoparticles
15:40 - 15:50	<u>Mariana Daniela BERECHET</u> , <u>Maria SÖNMEZ</u> , <u>Maria Daniela STELESCU</u> , <u>Demetra SIMION</u> , <u>Doina CONSTANTINESCU</u> Short Review on Keratin Synthesis and Its Application as a Bio Reinforcement and Flame Retardant Agent in Polymer Composites
15:50 - 16:00	<u>Renata BIŠKAUSKAITĖ</u> , <u>Virgilijus VALEIKA</u> Enzymes in Wet-Blue Neutralization: Effect on Processes and Leather Properties
16:00 - 16:10	<u>Manuela BONILLA-ESPADAS</u> , <u>Basilio ZAFRILLA</u> , <u>Irene LIFANTE-MARTINEZ</u> , <u>Mónica CAMACHO</u> , <u>Elena ORGILÉS-CALPENA</u> , <u>Francisca ARÁN-AÍS</u> , <u>Marcelo BERTAZZO</u> , <u>María-José BONETE</u> Identification of Microorganisms Involved in Leather Biodegradation and Heavy Metal Resistance
16:10 - 16:20	<u>Bogdan CAZAN</u> , <u>Ovidiu IORDACHE</u> , <u>Elena PERDUM</u> , <u>Carmen MIHAI</u> , <u>Adrian SĂLIȘTEAN</u> An Overview on the Latest Products in Myco-Materials Industry
16:20 - 16:30	<u>Alina Elena COMAN</u> , <u>Mădălina Georgiana ALBU KAYA</u> , <u>Elena-Emilia TUDOROIU</u> , <u>Denisa Ioana UDEANU</u> , <u>Mihaela Violeta GHICA</u> Collagen Extracted from Perch Skin: Rheological Characterization and <i>in vivo</i> Animal Studies
16:30 - 16:40	<u>Ihor HRETSKYI</u> , <u>Nataliia LEONOVA</u> , <u>Olga ANDREYEVA</u> The Effect of Cerium Dioxide Nanoparticles on the <i>Bradyrhizobium japonicum</i> Population
16:40 - 16:50	<u>Olena ISHCENKO</u> , <u>Daria KUCHYNSKA</u> , <u>Viktorii PLAVAN</u> , <u>Jolita OSTRAUSKAITĖ</u> Wound Dressings Films Based on the Citric Acid Modified Starch

16:50 - 17:00	SHORT BREAK
<b>TOPIC 2: BIOMATERIALS AND BIOTECHNOLOGIES (CONTINUED)</b>	
<i>Chairs: Mădălina ALBU KAYA &amp; Durmuş Alpaslan KAYA</i>	
17:00 - 17:10	<u>Ivan IUNGIN</u> , Olena MOKROUSOVA <b>Composite Materials for Limb Prosthetics Liners</b>
17:10 - 17:20	<u>Olga IUNGIN</u> , Yevheniia PREKRASNA-KVIATKOVSKA, Oleksandr KALINICHENKO, Yaroslav SAVCHUK, Yuliia KRAINOVA, Marina SIDORENKO, Saulius MICKEVIČIUS <b>Antifungal Activity of Endophytic Bacteria Associated with Antarctic Vascular Plants</b>
17:20 - 17:30	<u>Iryna KOPYTINA</u> , Olga ANDREYEVA, Dmytro DAVYDIUK <b>Effect of Long-Term Storage on the Properties of an Enzyme-Containing Preparation from Fish Waste</b>
17:30 - 17:40	<u>Ioana LUCA</u> , Mădălina Georgiana ALBU KAYA, Cristina-Elena DINU-PÎRVU, Lăcrămioara POPA, Valentina ANUȚA, Răzvan Mihai PRISADA, Elena-Emilia TUDOROIU, Mara Mihaela RĂDUCAN, Elena-Denisa TRANDAFIR, Mihaela Violeta GHICA <b>Collagen/Albumin-Based Matrices Designed for Vaginal Administration of a Non-Steroid Anti-Inflammatory Drug</b>
17:40 - 17:50	<u>María Isabel MAESTRE-LÓPEZ</u> , Marcelo BERTAZZO, Irene LIFANTE MARTÍNEZ, Alberto VICO-LÓPEZ, Alejandra MOYANO, Francisca ARÁN AÍS, Elena ORGILÉS-CALPENA <b>Microorganisms Degrading Polyurethane for Footwear Waste Valorisation</b>
17:50 - 18:00	Elena PERDUM, Bogdan CAZAN, <u>Ovidiu IORDACHE</u> , Carmen MIHAI, Adrian SĂLIȘTEAN <b>Morphological Characteristics and VOC Content of Agricultural Substrates</b>
18:00 - 18:10	Lăcrămioara POPA, Mihaela Violeta GHICA, Valentina ANUȚA, <u>Marina-Theodora TALIANU</u> , Mădălina-Mihaela-Adelina ROȘU, Maria-Raluca VLĂSCEANU, Lavinia-Milena BOLOHAN, Matei SITARU, Cristina-Elena DINU-PÎRVU <b>Comparative Assessment of Surface Properties for Some Hydrocolloid Systems Based on Hyaluronic Acid and Carbomer 940</b>
18:10 - 18:20	<u>Marina-Theodora TALIANU</u> , Cristina-Elena DINU-PÎRVU, Mihaela Violeta GHICA, Valentina ANUȚA, Răzvan Mihai PRISADA, Andreea-Denisa COCIOABĂ, Elena-Diana CĂPĂTOIU, Raluca-Elena GOIA, Lăcrămioara POPA <b>Development and Characterization of Salicylic Acid-Based Microemulsions for Topical Application</b>
18:20 - 18:30	<u>Iryna VOLOSHYNA</u> , Mykola FEDKO, Liudmyla LASTOVETSKA, Lyudmyla SHKOTOVA <b>Green Biosynthesis of AgNPs by <i>Lactobacillus acidophilus</i> and Their Use</b>
<b>CLOSING CEREMONY</b>	
18:30 - 18:40	<u>Laurenția ALEXANDRESCU</u> - Scientific Secretary, INCDTP-ICPI

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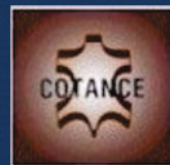
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