



## SESSIONS POSTERS

Project title : Interested both technically and academic leather

**Professor Mwinyikione MWINYIHIJA**

Tanner, Hide and skin

Project title : Utilization of Acacia Seyal bark powder Extract for Manufacture of Upper leather as Alternative Retanning Agent

**Sheikheldeem HIMADAN**

Project title : Optimizing water-soluble benzotriazole derivatives for improving the light fastness of light-colored leather

**Chih-Hao HSU**

Engineer

Structure : Everlight Chemical Industrial Corporation

Project title : Collagen and keratin hydrolysates as potential alternatives for ammonium salt use in deliming process

**Carmen GAIDAU**

Coordinator of Material Research and Investigations Department

Structure : Research and Development National Institute for Textiles and Leather (INCDTP)

Project title : Pollution prevention and efficient waste management in Leather Tanning clusters of India

**Tatheer ZAIDI**

Asia Head, MSMEs- Solidaridad

Structure : Solidaridad Network Asia Limited

Project title : [The new Corichem Sustainability Report based on the European Corporate Sustainability Reporting Directive](#)

**Eleonora SARTORI**

ESG Manager

Structure : Corichem srl

Project title : Development of Sustainable tanning system from Polysaccharides

**Umamaheswari GUNASEKAR**

Researcher

Structure : Sustainable Tanning System

Project title : Investigation of Leather-Blended Fabric Circularity Through Composting Using Seed Germination Index for Sustainable Management

**Vishnupriya VEERAIYAN**

Research Scholar

Structure : CSIR- Central Leather Research Institute, Chennai, India

Project title : Les bonnes pratiques pour maîtriser les effluents de la tannerie

**Mouhcine KOUCHTAFI**

Cadre en Tannerie

Structure : CMTC

Project title : Renewable carbon-based emulsifiers for the Leather Industry

**Ivo REETZ**

Leather Technology

Structure : Pulcra Chemicals

Project title : [Research on the advanced use of keratin derived from pig hair](#)

**Koichi KUBOTA**

Researcher

Structure : Tokyo Metropolitan Leather Technology Center

Project title : Thermoregulated leathers using Phase Change Materials

**Ankitha RAVI**

Research Scholar

Project title : [Bio-Dry: A Sustainable Collagen Innovation Transforming Leather Tanning](#)

**Sara CUADROS**

Researcher

Project title : Innovative Stimulated Emission-Based Light Source Technology for Sustainable Unhairing in the Leather Industry

**Anna BACARDIT**

Professor

Project title : Leather Manufacturing Reformation Based on Biomass-derived Aldehydes: High Efficiency, Eliminating Chrome Pollution and Saving Water

**Wei DING**

Associate professor

Structure : Beijing Institute of Petrochemical Technology

Project title : Discarded enoki mushroom root-derived multifunctional chrome-free chitosan-based tanning agent for eco-leathers manufacturing: tanning-dyeing, non-acid soaking, and non-basifying

**Dr. Xugang DANG**

Structure : Shaanxi University of Science and Technology

Project title : Leather-based wearable materials for personal thermal management

**Yan BAO**

Structure : Associate Dean of the Graduate School

Shaanxi University of Science and Technology

Project title : Study on Collagen/Epicatechin mixtures for Reinforcing and Protecting Leather Heritage

**Qijue CHEN**

Ph.D student

Structure : Zhengzhou University

Project title : HACC/GA-Based Microencapsulation of Oregano Essential Oil via Complex Coacervation: A Sustainable Strategy for Antimicrobial Protection of Leather Artifacts\*

**Haojian SHAO**

Postgraduate

Structure : Zhengzhou University

Project title : Investigations on alternative Materials: Processing trials for crosslinking and coating of mycelium fibre material

**Delphine BEGUE**

Enseignante chercheure

Project title : Research on the Resource Utilization of Leather Waste Based on Subcritical Technology

**Huitao WEN**

R&D Director

Structure : Xingye Leather Technology Co. Ltd.

Project title : Flexible Wearable Sensor Based on Cross-linked Collagen Nanofiber Electrospun

**Na XU**

Associate professor

Structure : Shaanxi University of Science and Technology

Project title : [Potential of NIR Spectroscopy and Chemometrics as Predictive Tools for Products and Processes in the Leather Industry](#)

**Antonio MEDICI**

Researcher

Structure : Stazione Sperimentale per l'Industria delle Pelli e delle Materie Concianti (SSIP)  
-ITALIAN LEATHER RESEARCH INSTITUTE

Project title : [From waste to values: hydrolysis and purification of tanning shavings for new circular materials chitosan-collagen hydrolysate based](#)

**Andrea SARNATARO**

Researcher

Structure : Stazione Sperimentale per l'Industria delle Pelli e delle Materie Concianti (SSIP)  
-ITALIAN LEATHER RESEARCH INSTITUTE

Project title : Derivation of Collagen crosslinker from Mango Seeds – A wealth-from-waste story of the Dialdehyde Starch

**Yasothai ARJUNAN**

Senior Researcher

Structure : Anna University/CSIR-CLRI

Project title : [Measurement Traceability in the Leather Industry: A New Perspective](#)

**Luca IANNARELLI**

Operation Manager

Structure : I.C.A.I. S.p.A.

Project title : Bionic construction of multi-functional branching chrome-free tanning agent and its application in sustainable manufacturing of ecological leather

**Dr. Sijie YU**

Structure : Shaanxi University of Science and Technology

Project title : [New findings on ultrasound-assisted embossing of leather \(Poster presentation\)](#)

**Dr. Ulrike STRÄBBERGER**

Scientist

Structure : FILK Freiberg Institute gGmbH, Dep. Leather and Leather Processing

Project title : Valorization of chromium-containing leather waste and pine needles through synergistic co-pyrolysis

**Jie LIU**

Associate Professor

Structure : School of Materials Science and Engineering, Zhengzhou University, Zhengzhou, Henan 450001, China

Project title : Green Chemistry in Action: Advancing Leather Processing with Ionic Liquids from Beamhouse to Dyehouse

**Nishad FATHIMA NISHTER**

Chief Scientist

Project#1 title : Co-composting of sheep wool in combination of tannery hair burning liming sludge for agriculture use

**Dr. Md. Abul HASHEM**

Professor

Structure : Khulna University of Engineering & Technology

Project#2 title : Sustainable use of tannery lime yard ground in roof tile: Waste-to-wealth approach

**Dr. Md. Abul HASHEM**

Professor

Structure : Khulna University of Engineering & Technology

Project title : The Evolution and Prospects of Collagen and Leather Journal: From Launch to Academic Influence

**Qixian ZHANG**

Managing editor of Collagen and Leather

Structure : Sichuan University

Project title : "Formulation of Antifogging Fatliquor from Non-Oil-Based Fatty Acid Derivatives"

**Aparna KT**

Project Associate-1

Structure : CSIR-Central Leather Research Institute (Council of Scientific & Industrial Research), Chennai, India

Project title : Synthesis and Tanning Properties of Xylose-Based Chromium-Free Tanning Agents

**Guanjie Huang**

PhD.

Structure : Shaanxi University of Science and Technology

Project title : The synthesis of PLA-modified high biobased content WPU and synergistic research on degradation performance

**Feifei ZHANG**

Lecturer

Structure : Qilu University of Technology

Project title : Performance Assessment of Alternative Green Deliming Practices in Leather Manufacture for Environmental Sustainability

**Sobur AHMED**

Professor

Structure : Institute of Leather Engineering and Technology, University of Dhaka

Project title : Innovative Modified Natural Tannins for ecofriendly leather

**Valentina BEGHETTO**

Prof PhD

Structure : University Ca' Foscari of Venice

Project title : Advancing leather finishing with Ascender technology

**Stefan MAGIELSE**

International Salea Engineer

Structure : im-innovating BV

Project title : Effect of charge density on multiscale tanning of dialdehyde sodium carboxymethyl celluloses in leather matrix

**Ya-nan WANG**

Prof. Dr.

Structure : Sichuan University

Project title : A non-destructive/minimally invasive analytical methodology for tanning agents identification in leather cultural relics

**Ya-nan WANG**

Prof. Dr.

Structure : Sichuan University

Project title : Metal Ions Stabilize Acid Proteases for Improved Leather Bating: Insights from Classical Tanning Theory

**Yunhang ZENG**

Prof. Dr.

Structure : Sichuan University

Project title : Life Cycle Environmental Impacts of Protease Preparations: From Enzyme Production to Leather Processing

**Yunhang ZENG**

Prof. Dr.

Structure : Sichuan University

Project title : [Effect of hydrophobicity of post-tanning materials on microstructure and properties of crust leather](#)

**Wenjun LONG**

PhD Candidate

Structure : Sichuan university

Project title : [Collagen Toolbox 2.0: Incorporation of Hyperspectral Imaging as a Non-invasive Characterisation Tool](#)

**Siew Ling ONG**

Research Scientist

Structure : New Zealand Leather & Shoe Research Association (LASRA)

Project title : [Collagen fiber-based adsorbent materials for the separation of cesium and strontium](#)

**Liangqiong PENG**

postdoctor

Structure : Sichuan University; Research institutes of leather and footwear industry of Wenzhou

Project title : Preparation of an Amphoteric Polymeric Retanning and Fatliquoring Agent and Its Application in Organic Chrome-Free Leather Processing

**Liqiang JIN**

Professor

Structure : Qilu University of Technology

Project title : Eco-Friendly Leather Tanning: Integration of Salt-Free Pickling and Chrome-Free Tanning via Dialdehyde Sodium Alginate–Iron Combination Tanning

**Yue YU**

Associate professor

Structure : Sichuan University

Project title : Studies on effect of molecular interactions on the hydration dynamics and rheological properties of collagen

**Anjali VENKITESAN**

Research Scholar

Structure : Anjali Chandichala Venkitesan

Project title : [Hide preservation: salt load decrease in slaughterhouses and tanneries](#)

**Nina BANCEL**

Consultante cuir

Structure : CTC

Project title : [A method for gentle and low temperature embossing of leather.](#)

**Giancarlo LOVATO**

R&D Manager

Structure : Corichem srl

Project title : Efficient biosynthesis and molecular mechanisms of collagen-based high-value chemicals

**Xia LI**

Assistant professor

Structure : Sichuan University, Chengdu, 610065, China

Project title : [Water recycling in leather wet-end process](#)

**Teresa FREITAS**

Researcher

Structure : CIETI/ISEP – Centre of Innovation on Engineering and Industrial Technology/IPP-ISEP, School of Engineering, Porto, Portugal

Project title : [Hair saving and ecological tanning processes as a source of a great reduction in pollutant load](#)

**Maria Inês GARCIA**

Researcher

Structure : CIETI/ISEP

Project title#1: Thermoplastic Polyurethane Composites Reinforced with Leather Waste: Influence of Particle Size on Performance for Footwear Applications

**Rosario MASCOLO**

Researcher

Structure : Stazione Sperimentale per l'Industria delle Pelli e delle Materie Concianti

Project title#2: Degradability by micro-organisms of tanned leather: a case study of different kinds of tannings for the sustainability of the processes

**Rosario MASCOLO**

Researcher

Structure : Stazione Sperimentale per l'Industria delle Pelli e delle Materie Concianti

Project title#3 : Transitioning Towards Circularity in the Italian Leather Industry: Insights from a Qualitative Comparative Analysis

**Rosario MASCOLO**

Researcher

Structure : Stazione Sperimentale per l'Industria delle Pelli e delle Materie Concianti



Project title : [Detanning and valorization of chrome-containing leather wastes](#)

**Clara DESROCHES**

Consultante cuir

Structure : CTC

Project title : [Waste to Wealth: Sustainable Processing of Tannery Waste into Footwear Components](#)

**Anish SELVININBA**

Researcher

Structure : Biochemistry & Biotechnology Laboratory, CSIR-CLRI. Department of Leather Technology, Anna University.

Project title : [Study on pickle-free tanning and environmentally-friendly beamhouse process by enzymatic unhairing and biopolymers](#)

**Makoto MATSUMOTO**

Technical Manager

Structure : Technical Support Center for Leather Industries Hyogo Prefectural Institute of Technology

Project title : [Eco-Friendly Coloration of Leather with Natural Dyes: Performance Insights and Industrial Validation](#)

**Tatiana B. SCHREINER**

Post-doc Researcher

Structure : CIMO, LA SusTEC, Instituto Politécnico de Bragança, Campus de Santa Apolónia, 5300-253 Bragança, Portugal

Project title : [Innovative Use of Raspberry Leaf Extract as a Natural Mordant for Sustainable Leather Dyeing](#)

**André L. N. ZANELLA**

Research Fellow

Structure : CIMO, LA SusTEC, Instituto Politécnico de Bragança, Campus de Santa Apolónia, 5300-253 Bragança, Portugal

Project title : [Tools to compare enzymatic unhairing action of two fungal strains](#)

**Betina GALARZA**

Biochemist

Project title : Utilization of Marine Wastes for Developing Next Generation Leather Colorant

**Deivakumar HARISH RAGAVENDAR**

Research Scholar

Structure : Department of Leather Technology (Housed at CSIR-CLRI), Anna University

Project title : Use of phyllosilicates in chrome tanning: enhanced leather properties, process sustainability and prevention of Cr VI formation.

**Daniela CARACCILO**

Chemical & sustainability manager

Structure : Vignola Nobile SPA

Project title : [Migration of chemicals and colorants in footwear and its effects: Precautions and prevention for sustainable manufacturing](#)

**Sujata MANDAL**

Senior Principal ScientistStructure : CSIR-Central Leather Research Institute

Project title : Construction and Properties of An Eco-Friendly Flame-Retardant Leather-Based Triboelectric Sensor

**Li NAN**

Structure : College of Bioresources Chemical and Materials Engineering, Shaanxi University of Science and Technology, Xi'an, 710021 2Key Laboratory of Auxiliary Chemistry and Technology for Chemical Industry, Shaanxi University of Science and Technology, Xi'an, 710021 3Xi'an Key Laboratory of Green Chemicals and Functional Materials, Xi'an, 710021

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Project title : Construction and Performance of Leather based Flexible Electromagnetic Shielding Materials

**Ping ZHAO**

Structure : College of Bioresources Chemical and Materials Engineering, Shaanxi University of Science and Technology, Xi'an, 710021 2Key Laboratory of Auxiliary Chemistry and Technology for Chemical Industry, Shaanxi University of Science and Technology, Xi'an, 710021 3Xi'an Key Laboratory of Green Chemicals and Functional Materials, Xi'an, 710021

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Project title : Constructing Unclonable Fluorescent Anti-Counterfeiting Leather Based on Silver-Bismuth Double Perovskite Quantum Dots

**Xin BAO**

Structure : College of Bioresources Chemical and Materials Engineering, Shaanxi University of Science and Technology, Xi'an, 710021 2Key Laboratory of Auxiliary Chemistry and Technology for Chemical Industry, Shaanxi University of Science and Technology, Xi'an, 710021 3Xi'an Key Laboratory of Green Chemicals and Functional Materials, Xi'an, 710021

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