



IULTCS Congress
XXXVI Ethiopia
2021 - Africa

Greening the Leather value chain

3rd-5th

Nov. 2021



Africa Leather and Leather
Products Institute - ALLPI



International Union of Leather
Technologists and Chemists Societies

(IULTCS)
Congress Program





| Time | Activity/Description/Topic | Responsibility |
|---|---|-----------------------------|
| 2nd November 2021 | | |
| Arrival of IULTCS Delegates and Registration open (for physical participants) | | |
| 3rd November 2021 | | |
| 8:00 – 9:30 | Registration and distribution of Badges Welcome Note and Opening Ceremony | ALLPI |
| 9:30 – 10:30 | ALLPI, Executive Director IULTCS President Guest of Honor | ALLPI |
| 10:30 – 11:15 | Heidemann Lecture | Prof. Anthony DCovington |
| 11:15 – 11:30 | Coffee Break | Organizer |
| Session 1: Moderators: Dr. Campbell, Page and MrHaverkamp, Richard | | |
| 11:30–11:45 | Metal Organic Framework-Layered Double Hydroxide: improve the absorption of chemicals in wet leather processing | Ms. Zhao, Ping |
| 11:50–12:05 | Dehairing process through combination of oxidative and enzymatic approach: Sustainable technology for leather industry | Dr. James, Kanagaraj |
| 12:10–12:25 | Patagonian fish skin tanning processes | Ms Palomino, Elisa |
| 12:30–12:45 | Preparation and application of polyether amine triazine derivatives as a chrome- free tanning agent for cleaner production | Mr. Jia, Xinju |
| 12:45–13:00 | Question and Answer time for all the four presentations | |
| 13:00–14:30 | Lunch Break and Virtual Poster & Exhibition Time 1 | |
| Session 2: Moderators: Dr Castell, Joan Carles and Mr. Hurlow, Elton | | |
| 14:30–14:45 | Study on Construction and Properties of Self-cleaning Leather | Dr. Kuang, Wei |
| 14:50–15:05 | The effect of retanning on the biodegradability of leathers | Mr. Flowers, Karl |
| 15:10–15:25 | Unhairing Systems Comparison | Mr. Osgood, Julian |
| 15:30–15:45 | Waste leather scraps hydrolysate: a high quality multidentate ligand for in situ growth of highly-stable CsSnCl ₃ perovskite quantum dots | Ms. Bao, Xin |
| 15:45–16:00 | Question and Answer time for all the four presentations | |

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|--|---|------------------------------|
| 16:00-16:45 | Coffee Break and Virtual Poster & Exhibition Time 2 | |
| Session 3: Moderators: Dr. Zugno, Luis and Mr. Salazar, Juan Manuel | | |
| 16:45-17:00 | Fabrication of epoxy leather sheet: A novel approach in waste management in leather industry | Mr.Mumcuoğlu, Mustafa |
| 17:05 - 17:20 | Microbial degradation of animal hair and preparation of organic compost thereof | Dr.Kamini, Numbi Ramudu |
| 17:25-17:40 | Biological liquefaction and anaerobic digestion of waste fleshings integrated with sludge and bio-energy generation – a novel and sustainable development | Dr. Sengoda Gounder Rajamani |
| 17:45 - 18:00 | Key technologies for tannery wastewater treatment | Dr. Scholz, Wolfram |
| 18:00-18:15 | Question and Answer time for all the four presentations | |
| 4th November 2021 | | |
| 8:00 - 09:00 | Registration | |
| Session 4: Moderators: MrGualino ,Jean-Pierre andMr. Holmes, Geoff | | |
| 09:00-09:15 | Analysis of Post-tanning Chemicals and Reduction of Pollution Load in Wastewater | Dr. Hansen, Everton |
| 09:20-09:35 | Bisphenol & Glutardialdehyde: Will old chemicals become a new issue in leather manufacture? | Dr. Tegtmeier. Dietrich |
| 09:40-09:55 | Hydrocarbons release during the biodegradation of solid waste from tanneries for biogas production | Dr.Agustini, Caroline |
| 10:00-10:15 | A Salt and Chrome Free Leather Making Technology Based on multi-epoxy binary polymer | Mr. Chen, Yongbo |
| 10:20-10:35 | New frontiers of Advanced Diagnostics and Non-Destructive Testing for quality control in the tanning industry | Dr. Florio, Claudia |
| 10:35-10:55 | Question and Answer time for all the four presentations | |



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|--|---|-------------------------------|
| 10:55–11:40 | CoffeeBreak and Virtual Poster & Exhibition Time 3 | |
| Session 5: Moderators: Mr.Kral, Ivan and Dr Wolfram, Scholz | | |
| 11:40–11:55 | Carbon footprint Italy: a communication tool supporting environmental and climate efforts | Mr. Pernigotti, Daniele |
| 12:00–12:15 | Is leather still the 'material of choice' for footwear? | Mr. Bayes, Tom, |
| 12:20–12:35 | Application of kinetics models in leather processing | Ms Queiroz, Vânia |
| 12:40–12:55 | Melamine Ethoxylates: Novel Formaldehyde free Resin Re-tanning Agents | Dr. Ammenn, Jochen |
| 12:55–13:10 | Question and Answer time for all the four presentations | |
| 13:10–14:40 | Lunch break and Virtual Poster and Exhibition Time 4 | |
| Session 6: Moderators: Dr Michael Meyer and Dr. Keiji Yoshimura | | |
| 14:40–14:55 | Phenolic monomers in aromatic syntans and their influence on leather: (Pending) Restricted compounds | Mr. Muppa, Ramakrishna Prasad |
| 15:00–15:15 | A novel preparation of formaldehyde free melamine resin and its retaining behaviors investigation | Mr. Zhou, Jibo |
| 15:20–15:35 | Development of a smart aluminum (III)-loaded nanoparticles with pH-controllable sequential penetrate behavior for chrome-free tanning process | Mr. Wang, Junchao |
| 15:40–15:55 | Extraction and Purification of Collagen from Tannery Fleshing Waste: A way forward for Sustainable Leather Manufacture | Mr. Tsegaw, Demissie |
| 15:55–16:10 | Question and Answer time for all the four presentations | |

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|---|--|----------------------------------|
| 16:10-16:55 | CoffeeBreak and Virtual Poster & Exhibition Time 5 | |
| Session 7: Moderator: Prof.Sadulla Sayeed and Dr. Patricia Casey | | |
| 16:55-17:10 | Preparation of Shoe Soling Material using Leather and Textile Waste | Dr. Gupta, Sanjeev |
| 17:15-17:25 | Pathway to a sustainable leather industry | MrsTaylor, Deborah |
| 17:30-17:45 | Green chrome-free tanning agent based on epoxy-modified dialdehyde starch towards sustainable leather making | Mr. Hao, DongYu |
| 17:50-18:05 | Leather Product Design Canvas and Leather Design-Guidelines for Sustainable Development – The Role of Design as a Driver for Sustainable Leather Goods in the 21 st Century | Dr.RehnGroenendijk, Jonas |
| 18:05-18:20 | Question and Answer time for all the four presentations | |
| 5th November 2021 | | |
| 8:00-09:00 | Registration | |
| Session 8: Moderator: Prof. Bahri Başaran and Mr. Thomas Yu | | |
| 09:00-09:15 | MOFs-Enabled Polyacrylate Based Nanocomposite as Flame Retardant Leather Finishes | Prof. Ma, Jianzhong |
| 09:20-09:35 | Study on 3D layered double hydroxid-montmorillonite for improving flame retardant properties of leather | Ms. Kou, Mengnan |
| 09:40-09:55 | A antibacterial strategy on chrome-free tanned leather: based on β -cyclodextrin aldehyde derivatives and small molecule antimicrobial agent | Mr. Wen, Huitao |
| 10:00-10:15 | Vegetable tannins uses and antioxidant property | Ms. de Souza Schaumlöffel, Livia |
| 10:15-10:30 | Question and Answer time for all the four presentations | |





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| 10:30-11:15 | Coffee Break and Virtual Poster & Exhibition Time 6 | |
| Session 9: Moderators: Dr. Christine Anscombe and Dr Dietrich Tegtmeier | | |
| 11:15-11:30 | Green antimicrobial bio-based nanocomposite hydrogel for leather finishes | Ms. Xiaoyu XU |
| 11:35-11:50 | Studies on optimization of amylase extraction using fabricated extractor column for fiber opening | Mr. Abdissa, Biniyam |
| 11:55-12:10 | Study of the determinants of technology adoption by the SMEs in leather products manufacturing s in Kenya | Dr. Onyancha, Douglas |
| 12:15-12:30 | An investigation on usability of 3D visualization and simulation programs in leather apparel | Dr. Efendioglu, Nilay Örk |
| 12:35-12:50 | Leather smell impact on Chinese automotive market | Mr. Rodolfo Apuero Allen |
| 12:50-13:05 | Question and Answer time for all the four presentations | |
| 13:05-14:35 | Lunch Break and Virtual Poster & Exhibition Time 7 | |
| 14:35-15:00 | Closing Ceremony | |



Leather Congress

Ethiopian Skylight Hotel
Addis Ababa, Ethiopia



Greening the Leather Value chain

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