



XXXIV IULTCS
2017 - INDIA

PROGRAMME OF XXXIV IULTCS CONGRESS

5-8 February 2017,
Chennai, India

“Science and Technology for Sustainability of Leather”



INTERNATIONAL UNION OF LEATHER
TECHNOLOGISTS AND CHEMISTS SOCIETIES

O R G A N I Z E R S



CSIR-Central Leather
Research Institute
(CSIR-CLRI)



Indian Leather
Technologists'
Association (ILTA)

I N D I A P A R T N E R S



Council for
Leather Exports
(CLE)



Indian Finished Leather
Manufacturers & Exporters
Association (IFLMEA)



XXXIV IULTCS CONGRESS

6-8 FEB 2017, CHENNAI INDIA

PROGRAM SCHEDULE

DAY 1 : 6 th February 2017		
09.00 - 09.45 hrs	Inaugural Session	
Timings	Heidemann Lecture Chairman: T Ramasami	
09.45 - 10.30 hrs	Title	Speaker
	Probing collagen structure and function	John A M Ramshaw
10.30 - 11.00 hrs	Tea Break	
11.00 - 12.45 hrs	Fundamentals in leather science Chairman: T Ramasami / N K Chandra Babu	
	Title	Speaker
Keynote	Fundamentals of leather science	Anthony Covington
FLS 1	Site-specific interaction of polyphenols on collagen using model collagen peptide	Madhan B
FLS 2	Measuring the heritability of traits in sheep and deerskin	Geoffrey Holmes
FLS 3	Chrome-tanned leather shrinkage probed with modulated temperature differential scanning calorimetry	Richard Leslie Edmonds
FLS 4	Influence of naphthalenesulfonic acid derivatives on the properties of the hide. Part II	Olga Ballús
FLS 5	Surface area gain of leathers dried under different conditions	Hüseyin Karavana
12.45 - 13.45 hrs	Lunch Break	
13.45 - 15.30 hrs	Advances in chemicals for smart and intelligent leathers Chairman: Mukhtarul Amin / Campbell Page	
	Title	Speaker
Keynote	Tanning strategies for sustainable leather production	Ing Heinz-Peter Germann
ACSIL 1	Waste to wealth approach adhesive from the unused goat head skin	Md Abul Hashem



ACSIL 2	Fabrication of antibacterial casein-based ZnO nanocomposite for leather finishes through in-situ route	Wang Yanan
ACSIL 3	Ionic liquids new age designer chemicals for leather processing	Nishad Fathima N
ACSIL 4	A new age chromium-melamine syntan towards quality upgradation of lower-end raw materials	Sathish Murali
ACSIL 5	Novel surfactants in leather processing	Vijayabaskar V
ACSIL 6	Tanning with a Gallic extract in combination with a cationic ester for the production of high performance leathers.	Eric Poles
15.30 - 16.00 hrs	Tea Break and Poster Session	
16.00 - 17.45 hrs	Innovation and value addition for leather Chairman: N Shafeeq Ahmed / Sanjoy Chakraborty	
	Title	Speaker
Keynote	Study of the variation of chromium VI content inside the leather	Jean-Claude Cannot
IVL 1	Intelligent real time leather defect detection system using image processing technique	Malathy J
IVL 2	Analysis of characteristic odor compounds in leather by GC-MS and GC-Olfactometry	Hirohiko Washiya
IVL 3	Method for determining the optimized exhaustion of fatliquors to minimize the ETP-inflow	Dirick von Behr
IVL 4	Artificially induced collagen fibril orientation affects tear propagation in leather	Susyn Kelly
IVL 5	Chrome-free tannage suede garment leathers from rural vegetable sheep crust leathers	Ali Elnaeim Musa
IVL 6	Effect of binder selection on topcoat property retention after accelerated weathering	Joseph Hoefler
18.00 hrs	Visit to Kalakshetra	



DAY 2 - 7th February 2017		
09.00 - 10.30 hrs	Strategies for sustainability Chairman: Luis Zugno / R Ramesh Kumar	
	Title	Speaker
Keynote	Advances in bio-based polyurethanes for leather finishing	Michael Costello
SFS 1	Enzymatic unhairing permeability assay of bovine skin epidermis with enzyme extracts	Betina Galarza
SFS 2	Preparation and characteristics of surface modified PAN fiber by collagen	Ding Zhiwen
SFS 3	Study on the recycling technology of unhairing-liming and tanning wastewater	Liqiang Jin
SFS 4	Different pre-treatments of chrome tanned leather waste and their use in the biogas production	Carolina Scaraffuni Gomes
10.30 - 11.00 hrs	Tea Break and Poster Session	
11.00 - 12.30 hrs	Strategies for sustainability Chairman: Israr Ahmed / N R Jaganathan	
SFS 5	Sustainable leather management: A mass balance bench mark of different chromium tanning technologies	Dietrich Tegtmeier
SFS 6	Formaldehyde and acetaldehyde in leather: similarities and discrepancies	Jochen Ammenn
SFS 7	Redefining chrome tanning: A waterless approach	Thanikaivelan P
SFS 8	Concept of sustainability - looking forward	Anne Lama
SFS 9	The elimination of effluent from liming acid/salt pickling and chromium tanning verified by five years high-volume wet blue leather manufacture.	Richard Daniels
SFS 10	Probiotic solutions for sustainable leather	Juan Carlos Castell Escuer
12.30 - 13.30 hrs	Lunch Break	



13.30 - 15.30 hrs	Emission control technologies Chairman: P R Aqeel Ahmed / Arnab Jha	
	Title	Speaker
Keynote	Controlling emissions in leather manufacture	Jurgen Christner
ECT 1	Clean salt recovery and water recycling using Nanofiltration and Reverse Osmosis	Wolfram Scholz
ECT 2	Biodecolorization and biodetoxification of leather dyes from aqueous solution and dye-containing effluents by native white-rot fungi strains	Santiago Ortiz Monsalve
ECT 3	Novel formaldehyde scavenger containing active methylene for efficient removal of formaldehyde in leather	Zhang Ting
ECT 4	Analysis of flow and energy aspects of Zero Liquid Discharge (ZLD) technology in treatment of tannery effluents in Tamil Nadu India	Jakov Buljan
ECT 5	Studies on simultaneous removal of nitrogen and organic carbon from tannery wastewater using airlift sequencing batch reactor	Aysanew Gorems Melesse
ECT 6	Microbial fuel cell a novel technology for effluent treatment and electrical energy generation	Divyalakshmi P
ECT 7	Technological developments for total dissolved solids (TDS) management and environmental sustainability in Asian leather sector	Rajamani S
15.30 - 16.30 hrs	Tea Break and Poster Session	
16.30 - 17.00 hrs	Peep through into XXXV, XXXVI IULTCS & AICLST Congresses	
18.00 - 20.00 hrs	Popular Lecture Chairman: M Rafeeque Ahmed	
	Leather and Isthmus: In Tribute to Nagappan	T Ramasami U K Sivaraman
20.00 - 21.30 hrs	Dinner	



DAY 3 - 8th February 2017		
08.30 - 09.45 hrs	Design innovation for lifestyle leather products Chairman: D Tegtmeier / B N Das	
	Title	Speaker
DIP 1	New dimensions in children shoes	Md Sadiq
DIP 2	Dynamic plantar pressure analysis of persons with diabetic, an approach to improve the design of therapeutic footwear	Sathish Babu G
DIP 3	Reduction of skin disorders by HCHO in leather products	Daisuke Murai
DIP 4	Comparison of visual assorting process and spectral photometer usage in leather apparel production	Mehmet Mete Mutlu
09.45 - 11.00 hrs	Enriching human capacity / Global research alliances and partnerships Chairman: Habib Hussain / Thomas Yu	
	Title	Speaker
Keynote	Coopetition in leather engineering education - A Strategy for a Win situation for concerned stakeholders	Sayed Sadulla
EHC 1	eLearning and blended training in the leather professional education	Ivan Kral
EHC 2	Role of CSIR-CLRI in Skill India initiative enriching primary level human resource through artisanal skill development	Kanimozhi B
GRAP 1	Indo-Ethiopian alliance for transformation of Ethiopian leather sector	Wondu Legesse
GRAP 2	Development of an international proficiency testing by inter-laboratory comparison applied to physical and chemical test methods for mineral tanned leather 2016	Carlos Amador Meza Moya
11.00 - 11.30 hrs	Tea Break	
11.30 - 12.30 hrs	Council Meeting	
12.30 - 13.00 hrs	Closing Ceremony	
13.00 - 14.00 hrs	Lunch	



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