

Venue: The Stadel, Salt Lake Stadium



# VIII Asia International Conference on Leather Science & Technology Conference Agenda

Session 1	Process technologies: opportunities
Session 2	Chemicals: challenges and opportunities
Session 3	Collagen stabilization: new leads
Session 4	Environmental challenges: new developments
Session 5	Leather products: new avenues
Session 6	Human resources and management: opportunities

## THURSDAY, NOVEMBER 11, 2010

6.00 p.m- 8.00 p.m	IUE COMMISSION meeting- VENUE-Government College of Engineering and Leather Technology
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## FRIDAY, November 12, 2010

8:00 am - 9:00 am	Registration				
9:00 am - 10:00 am	Opening Ceremonies Guest: Dr K Bhattacharya, Director, Indian Academy for Cultivation of Science				
10:00am - 10:30 am	Tea Break				
10:30am - 11:10 am	Poster Session Open	<b>Plenary Session 1</b> Prof. Dr A B Mandal Director CLRI	<b>Leather research:</b> Role of CLRI	<b>Plenary Session 2</b> Mr Habib Hussain Chairman CLE	<b>Leather Industry–</b> March to 2020.
11:10am - 1:00 pm		<b>Session 1: Process technologies: Opportunities</b> Chair: Dr Elton L Hurlow and Mr Arnab Jha Sponsor: Buckman Laboratories Asia (Pte) Ltd No. of papers: 7			
1:00 pm - 2:00 pm		Lunch Break			
2:00 pm - 4:00 pm		<b>Session 2: Chemicals: Challenges and opportunities</b> Chair: Dr Campbell Page and Dr A B Mandal Sponsor: ATC Chemicals India Pvt. Ltd. No. of papers: 8			
4:00 pm - 5:00 pm		Discussion on Posters relating to Session 1 and 2 & Tea			
7: pm onwards		Cultural Program followed by Dinner.			

## SATURDAY, November 13, 2010

8:00 am - 9:00 am	Registration			
9:00 am - 9:30 am	Poster Session Open	<b>Plenary Session 3: Dr T Ramasami, Secretary, Department of Science &amp; Technology</b> Topic: Special Lecture.		
9:30 am - 11:30 am		<b>Session 3: Collagen stabilization: new leads</b> Chair: Dr T Ramasami and Dr T Amos Sponsor: Stahl India (Pvt.) Ltd. No. of papers: 8		
11:30 am - 11:45 am		Tea Break		
11:45 am - 1:45 pm		<b>Session 4: Environmental challenges: new developments</b> Chair: Dr Bi Shi and Mr S Ravikumar Sponsor: Balmer Lawrie & Co. Ltd. No. of papers: 8		

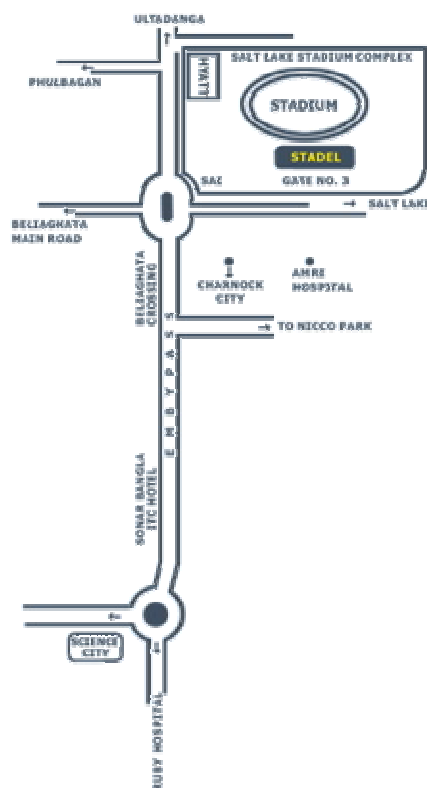
1:45 pm - 2:45 pm		Lunch Break
2:45 pm - 4:15 pm		<b>Session 5: Leather products: new avenues</b> <b>Chair: Dr S Rajamani and Mr Ivan Kral</b> <b>Sponsor: Clariant India Ltd.</b> <b>No. of papers: 6</b>
4:15 pm - 5:15 pm		Discussion on Posters relating to Sessions 3-6 & Tea
6.00 PM onwards		Steamer party on Ganges (on Invitation)

**SUNDAY, November 14, 2010**

9:00 am - 10:00 am	Registration	
8:30 am - 10:30 am	IULTCS Executive Committee Meeting (Venue: ILTA Building - Sanjoy Bhaban)	
10:00 am - 10:45 am	Poster Session Open	Discussion on Posters relating to Sessions 3-6 & Tea
10:45 am - 12:00 noon		<b>Session 6: Human resources and management: opportunities</b> <b>Chair: Mr Pares Rajda &amp; Dr Budhadeb Chattopadhyay</b> <b>Sponsor:</b> <b>No. of papers: 5</b>
12:00 noon - 12:30 pm	Presentation on IULTCS Congress 2011 - Valencia Spain	
12:30 pm - 1:30 pm	Closing Ceremonies	
1:30 pm - 2:30 pm	Lunch	
2:30 pm onwards	Visit to CETP and Kolkata Leather Complex	

# Map of Conference Venue

HOTEL STADEL,  
YUBA BHARATI KRIRANGAN,  
SALT LAKE; KOLKATA : 700 098. ( INDIA)



11:10am - 1:00 pm <b>FRIDAY,</b> <b>November 12, 2010</b>	<b>Session 1: Process technologies: Opportunities</b> <b>Chair: Dr Elton Harlow and Mr Arnab Jha</b> <b>Sponsor: Buckman Laboratories Asia (Pte) Ltd</b> <b>No. of papers: 7</b>		
	<b>Raghava Rao J</b>	India	LEATHER PROCESSING: NEW AVENUES
	Liu jie, Li yan-chun, Du yi, Chen xing-jun, Zhou meng	China	RESEARCH ON PREPARATION HAYDITE USING TANNERY SLUDGE AS ADDITIVE
	Yan Bao, Jianzhong Ma, Tao E	China	SYNTHESIS AND PROPERTIES OF METHACRYLIC ACID-CO-MODIFIED MALEIC ANHYDRIDE/ MONTMORILLONITE NANOCOMPOSITE
	Biswajit Debnath, Goutam Mukherjee, Chanchal Mondal	India	ENERGY EFFICIENT DEVICES FOR LEATHER INDUSTRY
	V. Godwin Jenifa, <b>Y. Lakshminarayana</b> , S. N. Jaisankar, C. Rose, P. Saravanan, N. K. Chandrababu, A. B. Mandal	India	ENZYMATIC HYDROLYSIS OF TANNERY BIOWASTES AND GRAFT COPOLYMERIZATION OF METHACRYLIC ACID ONTO COLLAGEN HYDROLYSATE AS TANNING AID FOR LEATHER APPLICATIONS
	Goutam Mukherjee, <b>Sanjoy Chakraborty</b> , Gopal Krishna Biswas	India	GREENER CHROME TANNING PROCESS
	Swarna V Kanth, <b>Nandhini Ashok</b> , A. Yasothai, S. Deepa, P. Ramesh Kannan, R.Venba, B. Chandrasekaran	India	COLORING OF LEATHER USING PIPER BETLE AND ARECA CATECHU - NATURAL ALTERNATIVE MATERIAL FOR DYEING

2.00 pm - 4.00 pm <b>FRIDAY,</b> <b>November 12, 2010</b>	<b>Session 2: Chemicals: Challenges and opportunities</b> <b>Chair: Dr Campbell Page and Dr AB Mandal</b> <b>Sponsor: ATC Chemicals India Pvt. Ltd.</b> <b>No. of papers: 8</b>		
	<b>Kalarical Janardhanan Sreeram</b> , Jonnalagadda Raghava Rao, Bangaru Chandrasekaran and Balachandran Unni Nair	India	REACHING NEW TARGETS THROUGH CHEMICALS: CHALLENGES AND OPPORTUNITIES FOR LEATHER CHEMICALS SECTOR
	Ding Zhiwen, Pang Xiaoyan, Ma Zhaoguo, Xu Yanlin	China	SYNTHESIS OF POLYURETHANE MODIFYING COLLAGEN AND ITS APPLICATION IN LEATHER CHEMICALS
	QIANG Tao-tao, WANG Xue-chuan, REN Long-fang, YUAN Xu-zhang	China	APPLICATION OF A CHROME-TANNING ASSISTANT OF HYPERBRANCHED POLYMER WITH CARBOXYL END-GROUP
	<b>S. N. Jaisankar</b> , Sanjeev Gupta, Y. Lakshminarayana, J. Kanakaraj, A. B. Mandal	India	A NOVEL ANIONIC CONDENSATE OLIGOMER AS RE-TANNING AGENT FOR LEATHER PROCESSING
	<b>Sivaraj Sudhahar</b> , S.Prabhakar and SanjeevGupta	India	PREPARATION AND APPLICATION OF NANO PARTICLES IN LEATHER COATING
	V.Vijayabaskar, S.R.K.Subramanian, J.K.Basu, Gunjan, Animesh Chattopadhyay, S. Ravikumar and <b>S. Ramakrishnan</b>	India	A NOVEL POLYMERIC FATLIQUOR AND ITS APPLICATION IN LEATHER
	Eric Kientz, Daniela Iordache and Milind Parkhi and <b>Jens Fennen</b>	SWITZERLAND / Italy/ India	LEATHER TOPCOATS WITH ANTI-SOILING AND NON-SQUEAK PROPERTIES
	Stephen D. Bryant, <b>Elton L. Hurlow</b> , and Marilyn S. Whitemore	U.S.A.	A NEW ANTIFUNGAL AGENT FOR THE LEATHER INDUSTRY: S-HEXYL-S'-CHLOROMETHYL-CYANODITHIOCARBIMATE (CHED)

9.30 am - 11.30 am <b>SATURDAY,</b> <b>November 13, 2010</b>	<b>Session 3: Collagen stabilization: new leads</b> <b>Chair: Dr T Ramasami and Dr T Amos</b> <b>Sponsor: Stahl India (Pvt.) Ltd.</b> <b>No. of papers: 8</b>		
	Shangzhi Pu, Wenhua Zhang, Qiang He, Xuepin Liao, Bi Shi	China	MOLECULAR LEVEL UNDERSTANDING THE MECHANISM OF VEGETABLE-ALDEHYDE COMBINATION
	Guo Jun, Chen Hui, WANG Ya-juan, Shan Zhi-hua	China	STUDY ON FE(II)-THPS TANNAGE
	Lihong Fu, Yinglin Zhang, Wei Kuang, Huilin Tian, Qing Wang	China	EXPLORING STABILITY OF VEGETABLE TANNED LEATHERS RESISTANCE TO ACIDS, BASES AND SALTS
	Ying Gong, Kang Cheng, Weite Yang, Wuyong Chen	China	AUTOMATED CLEAN LEATHER DYEING—ASSISTED BY WRINGING, ULTRASOUND AND MICROWAVE
	<b>Dipankar Chaudhuri*</b> , Pinaki Bhattacharya and Ratna Chakraborty	India	STABILIZATION OF CHROMIUM (III) IN LEATHER BY DIFFERENT VEGETABLE TANNING EXTRACTS AND SUPERIOR PERFORMANCE OF MYROBALAN
	<b>Gladstone Christopher Jayakumar</b> , Swarna Vinodh Kanth, Jonnalagadda Raghava Rao, Bangaru Chandrasekaran	India	INFLUENCE OF SCLERALDEHYDE IN STABILIZATION OF COLLAGEN
	<b>V Punitha</b> , S Sundar Raman, V Subramanian, J Raghava Rao, B U Nair	India	AN APPROACH TO STABILIZE COLLAGEN THROUGH L→D CONFIGURATIONAL CHANGES
<b>N. Somanthan</b> , M.D. Naresh and V. Arumugam	India	VISCO-ELASTIC MODEL FOR THE MECHANICAL BEHAVIOR OF SKINS/LEATHER	

11.45 am - 1.45 pm <b>SATURDAY,</b> <b>November 13, 2010</b>	<b>Session 4: Environmental challenges: new developments</b> <b>Chair: Dr Bi Shi and Mr S Ravikumar</b> <b>Sponsor: Balmer Lawrie &amp; Co. Ltd.</b> <b>No. of papers: 8</b>		
	<b>S Rajamani</b>	India	RECENT DEVELOPMENTS IN CLEANER PRODUCTION AND ENVIRONMENT PROTECTION IN WORLD LEATHER SECTOR
	Gao Zhongbai, Chen Jie, Li Xiaoxing	China	THE DESIGN OF ANAEROBIC WASTEWATER PURIFICATION SYSTEMS
	He-wei Ma, Liang Zhang, Xin-Xia Huang	China	DETERMINATION OF ETHOXYLATED NONYLPHENOL AND OCTYLPHENOL IN LEATHER BY CLEAVAGE TREATMENT COMBINED WITH GC-MS
	Jie Liu, Yikun Wang, Keyong Tang	China	PREPARATION AND CHARACTERIZATION OF HYBRID SUPER ABSORBENT MATERIALS BASED ON COLLAGEN HYDROLYSATE FROM TANNERY WASTES
	WANG Ya-juan, SHAN Zhi-hua, YANG Li-hua, SHAO Shuang-xi*	China	THERMOMECHANICS AND RHEOLOGY OF THERMOPLASTIC GLUTINIZED OXIDIZED STARCH
	Anulipi Aich, B. Chattopadhyay, S. Datta and S. K. Mukhopadhyay	India	TOXICITY STUDY OF TANNERY EFFLUENTS USING A FISH MODEL ( <i>Poecilia reticulata</i> )
	Sekaran. G, <b>Boopathy. R</b> , Gnanamani. A, and Mandal. A. B	India	SALT RECOVERY FROM INORGANIC AND ORGANIC MIXTURE (SRMOM) - REVERSE OSMOSIS REJECTS STREAM MANAGEMENT IN LEATHER SECTOR
<b>S. V. Srinivasan</b> , R.Suthanthararajan, K. Sribalakameshwari and E. Ravindranath	India	LIFE CYCLE ASSESSMENT IN TANNERY WASTEWATER TREATMENT	

2.45 pm - 4.15 pm <b>SATURDAY,</b> <b>November 13, 2010</b>	<b>Session 5: Leather products: new avenues</b> <b>Chair: Dr S Rajamani and Mr Ivan Kral</b> <b>Sponsor: Clariant Chemicals (India) Ltd.</b> <b>No. of papers: 6</b>		
	Liu Yishan, Huang Xin, Guo Peipei, Liao Xuepin and Shi Bi	China	COLLAGEN FIBER: POTENTIAL APPLICATION IN THE RADAR WAVES ABSORBING MATERIALS
	<b>Bhabendranath Das</b> , Gautham Gopalakrishna, Mohamed Sadiq, Asit Baran Mandal	India	OPTIMIZATION OF SAFETY SHOE TOE-CAP USING FINITE ELEMENT TECHNIQUE
	<b>Gautham Gopalakrishna</b> , Mohamed Sadiq, Bhabendranath Das, Gnanasundaram Saraswathy, Asit Baran Mandal	India	BIOMECHANICAL FOOTWEAR DESIGN FOR PRESSURE OFFLOADING BASED ON RISK CATEGORIZATION IN A DIABETIC FOOT
	<b>K Krishnaraj</b> , P Thanikaivelan, K Phebe, PS Sureshkumar, G Sathiamoorthy and B Chandrasekaran	India	DOES SEWING AFFECT THE DRAPE OF APPAREL LEATHERS?
	<b>N Nishad Fathima</b> , K J Sreeram, J Raghava Rao, B U Nair	India	SMART LEATHER FOR SMART FUNCTIONAL APPLICATIONS: NEW AGE MATERIAL
<b>Perumal Singaraj Sureshkumar</b> , Palanisamy Thanikaivelan, Kavati Phebe Aaron, Kaliappa Krishnaraj, Ramasamyreddy Jagadeeswaran, Bangaru Chandrasekaran	India	COMBINING LEATHERS WITH NATURAL FIBER BASED FABRICS: POTENTIAL OF PINEAPPLE LEAF FIBER AND NON-MULBERRY SILK BASED FABRICS	

10.45 am - 12.00 noon <b>SUNDAY,</b> <b>November 14, 2010</b>	<b>Session 6: Human resources and management: opportunities</b> <b>Chair: Mr Paresh Rajda &amp; Dr Budhadeb Chattopadhyay</b> <b>Sponsor:</b> <b>No. of papers: 5</b>		
	Mohamed Sadiq, Gautham Gopalakrishna, Bhabendranath Das, D Chandramouli, Asit Baran Mandal	India	CUSTOM MADE SHOES - THE NEW AGE RETAILING "APPLYING TECHNOLOGY TO BENEFIT HUMANITY"
	Masami Sugita and Toshinori Inatsugi	Japan	CURRENT SITUATION AND CERTIFICATION SYSTEM OF JAPAN ECO LEATHER STANDARD (JES)
	<b>B Chandrasekaran</b>	India	EDUCATION AND TRAINING IN LEATHER: GLOBAL AND INDIAN SCENARIO
	Ivan Kral	UNIDO	ROLE OF UNIDO IN THE WORLD LEATHER SECTOR
Yoshimura	Japan	JAPANESE LEATHER INDUSTRY & HUMAN RESOURCE ASPECTS.	