

## THE AMERICAN LEATHER CHEMISTS ASSOCIATION

The leather industry's technical center for prospective development founded on a platform of peer review and discussion



### 113th Annual Convention — June 13-16, 2017 Pinehurst Resort, Pinehurst, North Carolina, USA

Tentative Technical Program starting Tuesday, June 13

*John Arthur Wilson Memorial Lecture*  
**"Sustainability — Opportunities and Threats in the Global Leather Supply Chain"**  
by Federico Brugnoli, CEO of SPIN360 and COO of Synesis, Italy

**Other Papers to be Presented on Tuesday, Wednesday, and Thursday:**

**Recent Findings in Acetaldehyde Emission from Leather** by Jochen Ammenn, BASF SE, Ludwigshafen, GERMANY

**Probiotic Biochemicals in Beamhouse** by Juan-Carlos Castell, Proviera at Stahl, SPAIN

**Biological Unhairing - An Alternative to Existing Curing and Beaming Technologies?** by Jurgen Christner, TFL Ledertechnik GmbH, GERMANY

**The Elimination of Effluent from Liming, Acid/Salt Pickling, and Chromium Tanning in Full Scale Manufacture** by Richard Daniels, Greentech, UK

**CRC: Innovation in Drying and Conditioning** by Karl Flowers, Authenticae Ltd, UK

**VOC and Smell in Automotive Leather** by Michael Franken, LANXESS Deutschland GmbH, Leverkusen, Germany

**How Basicity in Basic Chrome Sulfate Affects Wet Blue Tanning Processing**  
by Jose Luis Gallegos, Elementis LTP Inc., Milwaukee, WI

**An Introduction to the Foreign Agricultural Service (FAS) - How FAS links U.S. Agriculture to the World**  
by Sarah Gilleski, United States Department of Agriculture, Washington, DC

**Leather Mechanical Properties Estimated from Airborne Ultrasonic Testing of Hides** by Cheng-Kung Liu, United States Department of Agriculture, Eastern Regional Research Center, Wyndmoor, PA

**Development and Characterization of Genipin Cross-Linked Gelatin Based Composites Incorporated with Vegetable-Tanned Collagen Fiber (VCF)** by Jie Liu, United States Department of Agriculture, ERRC, Wyndmoor, PA

**Efficacy of Citrilow™ and Secure™ Spray Wash on the Levels and Prevalence of Aerobic Bacterials and Enterobacteriaceae Bacteria on Cattle Hides** by Wilbert Long III, United States Department of Agriculture, ERRC, Wyndmoor, PA

**Amphoteric Retanning Polymers: Enabling Approach for Mineral-Free Tanning** by Ed Nungesser, The Dow Chemical Company, Collegeville, PA

**Conditioning of Leather after Vacuum Drying** by Marc Oomens, IM Innovating, Dongen, THE NETHERLANDS

**Sustainability as a Competitive Advantage** by Vikrant Pratap, Xeros Ltd, South Yorkshire, UK

**Preservation of Hide Using Less Salt with Environmentally Friendly Low Concentration of Antiseptic** by Malher Sarker, United States Department of Agriculture, Eastern Regional Research Center, Wyndmoor, PA

**Thermal and Antioxidant Stability of Keratin Hydrolysates Prepared from Leather Waste** by Jan Sedljack, Technical University in Zvolen, SLOVAKIA

**SprayLab: Full Automated Finishing Unit for Samples** by Giulio Tandura, Fratelli Carlessi, ITALY

**Determining Accuracy in the Comparison of Environmental Assessments of Leather through Meta-Analysis**  
by Kathryn L. Thudium, Eagle Ottawa by Lear, Rochester Hills, MI

**Innovative Compressed Air Treatment for Application Processes** by Teko Tuijman, Ensutec Products, GERMANY

**The US Tanning Industry: 1917-2017 and Beyond** by John Wittenborn, Leather Industries of America, Inc., Washington, D.C.

**Mold on Leather: Essay on the Visible and Invisible** by Luis Zugno, Buckman, Memphis, TN