

## Foam Forming Technologies Highlighted in Four Part Series

*Gain critical insight on foam forming advancements at TAPPICon 2022*

Atlanta, A USA (February , 12 2022) - The paper industry is the third largest consumer of energy in the U.S. It is also one of the largest users of raw materials. With such high energy and raw material requirements, the industry is constantly looking for sustainable solutions to reduce costs and increase efficiencies. In addition, there is greater pressure to develop new fiber products due to the global digitalization trend.

A way to reduce manufacturing costs and enable production of novel sustainable high performance products is through foam forming of the fiber web and foam assisted application of chemicals. Industry professionals will have the opportunity to gain insight on the advantages of foam forming and discover the latest advancements and technologies available during the *Foam Forming* four-part series at [TAPPICon 2022](#), April 30-May 4, 2022 Charlotte, N.C.

Offered jointly by TAPPICon's *Paper Additives* and *Paper Fundamentals* tracks, the peer-reviewed series includes the following expert-led presentations:

- *Chemical Addition to Wet Webs Using Foam Application* - Tuomo Hjelt, VTT
- *Scalable Method to Produce Foams like Wood* - Juha Koivisto, Helsinki University of Technology
- *Z-Direction Chemical Distribution Analysis for New Application Methods* - Matthew Nickolas, Solenis LLC
- *Advances in Multiphase Forming* - Mustafa Usta, Georgia Tech University
- *Real-time Digital Microscopy of Foaming Processes* - Markus Honkanen, Pixact Ltd
- *Flow Rheology of Light Foams Generated from Aqueous Solutions of Polyvinyl Alcohol* - Ari Jäsberg, VTT
- *Computational Modeling of Multiphase Forming Processes* - Dogukan Karahan, Georgia Institute of Technology
- *The Effect of Acoustic Pressure on High-Density Foam with Potential Application to MP Forming* - Uzay Karahan Cansu, Georgia Tech University
- *New Opportunities in Paper and Nonwoven Industries with Foam Assisted Web Forming and Chemical Application* - Antti Oksanen, VTT Technical Research Centre of Finland

Learn more about the [Paper Fundamentals](#) and [Paper Additives](#) tracks.

### TAPPICon 2022

Developed by technical experts and business leaders in the industry, TAPPICon helps mills identify technology solutions which address industry challenges often intensified by recruitment and retention issues. Over five days, professionals from around the world will discuss top issues, new advancements/technologies and future strategies to help drive the industry forward.

With the theme, *Racing Towards a Smart Future*, the Conference includes a comprehensive, peer-reviewed technical program focused on papermaking, papermaking fundamentals, papermaking additives, tissue, coating & graphic arts, management, process control, recycled paperboard, nonwovens, and reliability & maintenance. In addition, attendees have the opportunity participate in

the [5th Annual Women's Summit](#) (April 30) and [Tissue 101: Properties and Processes Course](#) (April 30 – May 1) which are co-located with TAPPICon.

Attendees will also discover multiple opportunities to strengthen business relationships and engage in in-depth discussions including the popular Hot Topics Breakfast, Mill Roundtables, NASCAR Tuesday Social, and Fun Run/Walk. TAPPICon also offers a large exhibit floor and New Technology Showcase.

[View the full program](#)

### **Registration**

Mills and other professionals eager to be part of this global discussion should register at [tappicon.org](http://tappicon.org) by April 1<sup>st</sup> to receive an early bird discount. Mills also can receive [special discounts](#) for sending multiple people or teams.

**[Register today](#) for TAPPICon 2022**

For more information about TAPPICon 2022, please visit [TAPPICon.org](http://TAPPICon.org).