

# **TAPPI PAPERCON 2011**

## **Roundtable Discussion**

### **“Minimizing Microbes and Maximizing Profits: Troubleshooting Microbial Problems”**

Moderators: Ken Keegan, Ph.D., Kemira Chemicals  
Kevin Janak, Ph.D., Lonza Inc.

Microbes play a critical role in the operating efficiency and product quality of various papermaking processes. Effective control of microbiological (MB) growth in additives and the wet end is required for reducing downtime, producing quality products, and optimizing profits. Early recognition of MB problems, selection of appropriate biocides, and effective troubleshooting techniques are key essentials of a comprehensive MB treatment program.

This roundtable session will focus on a variety of topics which play significant roles in the effective use of biocides and MB control in papermaking. The topics include deposit analysis, biocide interactions and resistance, and troubleshooting techniques. The presentations will focus on case histories to demonstrate the key concepts and best practices.

Four panelists will give brief presentations on their topic of interest and a formal roundtable discussion will follow. The panelists and their topics are listed below:

**Linda Robertson, President, International Microbial Associates Inc.**

Title: Why Isn't the Program Working? Exploring Biocide Resistance at the Machine Wet End.

**Janet Woodward, Ph.D. and Tod Stoner, Ph.D., Buckman Laboratories Inc.**

Title: \_\_\_\_\_

**James Anderson, Eka Chemicals Inc.**

Title: Basic MB Control Troubleshooting Techniques – Case Studies.

**Phil Prichard, Ph.D., Philip M. Prichard LLC**

Title: Case Histories on Biocide Interactions and Resistance in Additives.