

Advanced Coating Symposium 2026

Columbus, Ohio, USA
26 April 2026

ISBN: 979-8-3313-3895-4

Printed from e-media with permission by:

Curran Associates, Inc.
57 Morehouse Lane
Red Hook, NY 12571



Some format issues inherent in the e-media version may also appear in this print version.

Copyright© (2026) by the TAPPI Press
All rights reserved.

Printed with permission by Curran Associates, Inc. (2026)
For permission requests, please contact the TAPPI Press



at the address below.

TAPPI Press
15 Technology Parkway South
Peachtree Corners, Georgia 30092

Phone: (800) 332-8686
Fax: (770) 446-6947

memberconnection@tappi.org

Additional copies of this publication are available from:

Curran Associates, Inc.
57 Morehouse Lane
Red Hook, NY 12571 USA
Phone: 845-758-0400
Fax: 845-758-2633
Email: curran@proceedings.com
Web: www.proceedings.com

TABLE OF CONTENTS

Compostability in Fiber-Based Structures: Why Standards and Certification Matter, TAPPICon26	1
<i>Margaret Eldridge</i>	
Evaluating Coating Barrier Performance for Food Packaging, TAPPICon26	15
<i>Joel Fischer</i>	
Nano Clay-Modified PVOH: A Recyclable Barrier Solution for High-Humidity Packaging Applications, TAPPICon26	19
<i>Vitor Godoy, Yuta Taoka, Ghebrehiwet Ghebremeskel, Hiroki Kinumura</i>	
Energy-Efficient Pilot-Scale Coating of Cellulose Nanofibrils Using Controlled Vacuum Deposition, TAPPICon26	29
<i>Sandro Zier</i>	
Chitosan-Microfibrillated Cellulose Interactions: Fundamental Insights for Enhanced Barrier Coating Applications, TAPPICon26	37
<i>Lokesh Kumar</i>	
A Pathway to Large-Scale Surface Modification of CNF-Coated Food Serving Containers Made from Lignocellulosic Materials, TAPPICon26	53
<i>Mamoona Raheem</i>	
Streamlining Lignin Properties for Feasible Barrier Coatings, TAPPICon26	56
<i>Kalavathy Rajan</i>	
Optimizing Foamability and Foam Stability of Aqueous Cellulose Nanofibril Foams Through the Sequential Addition of Cationic and Anionic Surfactants, TAPPICon26	65
<i>Viraji Senevirathne</i>	
The Roles of Microfibrillated Cellulose in Coated Food Service Packaging, TAPPICon26	68
<i>David Skuse</i>	

Author Index