

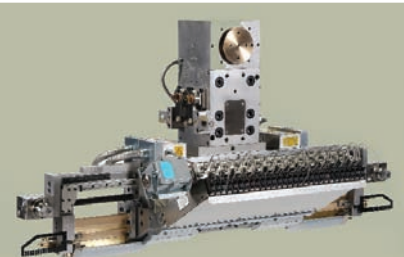
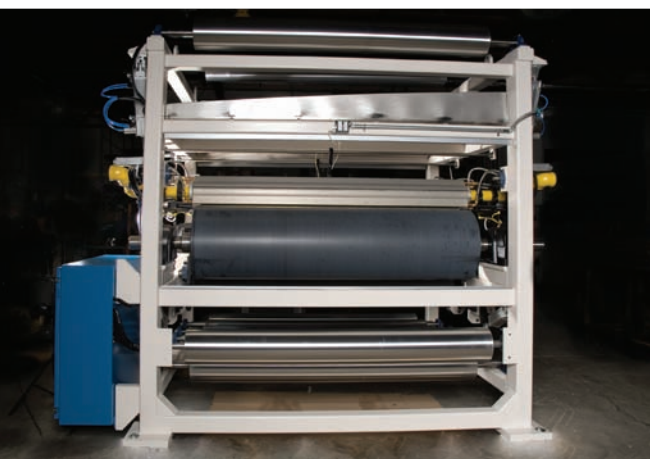
# TAPPI Extrusion Coating Course

April 29 - May 1, 2008  
Doubletree Hotel  
Colorado Springs World Arena  
Colorado Springs, Colorado, USA

## NEW this year!

A revised and updated program with group interaction and case studies, including:  
"Case Studies for Improved Sustainability in Packaging"  
Jeffrey J. Wooster, DOW Chemical USA,  
Winner of the 2007 PLACE Conference Best Paper Award

"PLA / PHA Processing Tips & Products Markets"  
William E. Kelly, Cereplast, Inc.



**REGISTER BY MARCH 28  
AND SAVE!**  
Visit [www.tappi.org/08EXTRUSION](http://www.tappi.org/08EXTRUSION)

Network with your peers as well as a distinguished group of industry veterans to explore best practices and equipment technology that applies to extrusion coating applications!

Learn how to:

- Streamline processes
- Achieve product design requirements and end uses
- Maintain equipment
- Address safety concerns
- Anticipate and resolve problems

PLACE



# OVERVIEW

# SCHEDULE

## Who will benefit most from this course?

- Extrusion engineers, supervisors and operators
- Technical directors and superintendents
- Technical assistants
- R&D personnel

For maximum benefit, participants should have some familiarity with extrusion coating technology and terminology. A technical background and/or extrusion experience will be helpful.

## After taking this course, attendees will be able to:

- List various product structures and their potential uses in packaging applications
- Identify and discuss the physical properties and processing issues for a variety of extrusion coating resins
- Discuss the capabilities, specifications and limitations of various extrusion coating equipment
- Explain and discuss the extrusion process that includes web handling, polymer processing, purging, and troubleshooting using the aid of video & literature.
- Recognize the various surface treatment options that are available and their applications.
- Identify the unique equipment and resin requirements for co-extrusion applications.
- Explain the process requirements for making extrusion coated structures.
- Identify safety concerns in the extrusion process.

## Preliminary Course Schedule

**Tuesday, April 29, 2008**

8:00 a.m. to 6:30 p.m.

Introduction and Welcome

Introduction to Product Structures

Polyethylene and Polypropylene

Specialty Resins

PLA and PHA Processing Tips and Product Market

Extruders

Screws

Purging

Case Studies for Improved Sustainability in Packaging (2007 PLACE Conference Best Paper Award Winner)

Networking Session with Refreshments

**Wednesday, April 30, 2008**

8:00 a.m. to 5:00 p.m.

Gauging

Treating (Corona, Plasma)

Treating (Flame)

Web Handling / Winding

Gel Troubleshooting

What Happened? Troubleshooting

Safety

Preventive Maintenance

**Thursday, May 1, 2008**

8:00 a.m. to 3:45 p.m.

Substrates

Primers

Dies and Feed Blocks

Co-extrusion

Laminator

Group Exercise and Wrap-up Session

**SPECIAL BONUS!** Course participants will receive either a copy of the *Extrusion Coating Manual, Fourth Edition* or the *Roll and Web Defect Terminology, Second Edition* as part of their registration. Additional copies of each are also available and can be pre-ordered when registering. For detailed information about each book, go to [www.tappi.org](http://www.tappi.org).

### Extrusion Coating Manual, Fourth Edition

This comprehensive volume details all aspects of extrusion coating and contains the work of more than 30 well-known industry experts.

Item Number: 0102B065 • List: \$140.00 • Member: \$93.00 Special Course Price: \$79.00

### Roll and Web Defect Terminology, Second Edition

An excellent reference base for defect identification, this NEW edition, by R. Duane Smith, has contributions from over sixteen of the most recognized experts in winding, web handling, papermaking, calendaring, extrusion coating and laminating and slitting, making this a valuable tool for eliminating roll and web defects.

Item Number: 0101R318 • List: \$210.00 • Member: \$139.00 Special Course Price: \$99.00

Clint D. Cleaver of Chevron Phillips Chemical Company is the Technical Chair for the Extrusion Coating Course. He has assembled the following team of experts selected for their teaching ability and knowledge of the industry.

Scott B. Marks, DuPont Pkg. & Ind. Polymers

Kelly R. Frey, Chevron Phillips Chemical Co.

William E. Kelly, Cereplast, Inc.

Louis W. Piffer, Davis-Standard, LLC  
Converting Systems

Beth M. Wells, Optex Process Solutions

John L. Kelley, JLK Consulting, LLC

Jeffrey J. Wooster, DOW Chemical USA

Michael Cunningham, Thermo  
Fisher Scientific

Rory A. Wolf, Enercon Industries

Joseph D. DiGiacomo, Flynn Burner Corp.

R. Duane Smith, Black Clawson Converting  
Machinery/Davis Standard LLC

Robert Hammond, Mica Corporation

Sam G. Iuliano, Extrusion Dies Industries LLC

Gary D. Oliver, Cloeren Inc.

# DETAILS

## CEUS

The Education Project Center of TAPPI has been reviewed and approved as an Authorized Provider by the International Association for Continuing Education and Training (IACET). 1620 I Street, NW, Suite 615, Washington, D.C. 20006. TAPPI will award 2.5 CEUs to participants who attend at least 80% of the educational sessions and complete a final program evaluation.

## Registration

Fees for the Extrusion Coating Course are \$850 for TAPPI members and \$1275 for nonmembers who register by March 28, 2008. After March 28, 2008, fees are \$1420 for TAPPI members and \$2130 for nonmembers. You may add a TAPPI membership to your registration to receive the discounted price. For more information about being a TAPPI member, visit [www.tappi.org](http://www.tappi.org).

## Hotel

To make your room reservations at the special discounted rate of \$119 single/double, go to [www.tappi.org/o8extrusion](http://www.tappi.org/o8extrusion) or contact the hotel: Doubletree Hotel Colorado Springs World Arena 1775 E. Cheyenne Mountain Blvd. Colorado Springs, Colorado 80906 USA Phone: 719-576-8900

Be sure to reserve your room by March 28, 2008 and mention that you are part of the TAPPI event to take advantage of TAPPI's special room rate of \$119 single/double.

## Delta Air Lines

Delta Airlines is TAPPI's official airline for conferences, meetings and events. Simply visit [www.tappi.org/O8extrusion](http://www.tappi.org/O8extrusion) and Delta Airlines logo to be directed to their site. Discounts will be applied when you complete your reservation.

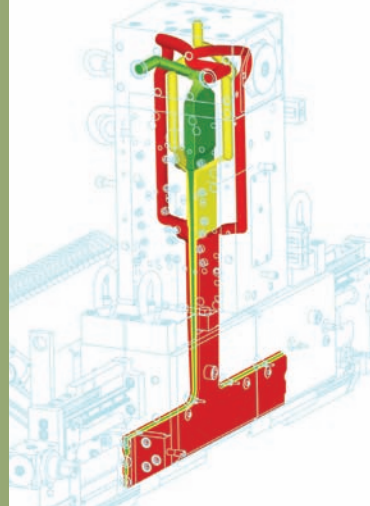
## Discounted Car Rental



Avis offers special discounts off regular rates for course participants. To reserve your car, call 1.800.831.8000 and refer to the code AWD: #U226600. Save \$5 a day up to \$25 off your rental car during the course. This special offer is valid one week before through one week after the April 29-May 1, 2008 course dates. Make your reservations on line at [www.hertz.com](http://www.hertz.com) using your CDP# 1752380 and Promotional Code# 105825. Or, call 1.800.654.2210 in the U.S.



Save \$5 a day up to \$25 off your rental car during the Extrusion Coating Course. This special offer is valid one week before through one week after the April 29-May 1, 2008 course dates. Make your reservations on line at [www.hertz.com](http://www.hertz.com) using your CDP# 1752380 and Promotional.



# REGISTRATION

2008 Extrusion Coating Course

April 29 - May 1, 2008

Doubletree Hotel Colorado Springs World Arena  
Colorado Springs, Colorado, USA

## FIVE EASY WAYS TO REGISTER:

**1 Mail:**  
TAPPI, P.O. Box 933644  
Atlanta, GA 31193-3644, USA

**2 Online:** Go to  
[www.tappi.org/08extrusion](http://www.tappi.org/08extrusion)  
and follow the instructions

**3 Fax:** completed registration  
form to +1.770.209.7206

**4 Phone:** 1.800.332.8686 (US),  
1.800.446.9431 (Canada) or  
+1.770.446.1400 (Worldwide)

**5 Wire Transfer:**  
Call +1.770.446.1400  
for details

## TAX DEDUCTIONS

Expenses for continuing education taken to maintain or improve professional skills may be tax deductible. Certain restrictions apply. Check with your accountant for details. If you are not completely satisfied that the course delivered what was promised, we will refund your registration fee.

## CANCELLATIONS

If you find that you have to cancel, your full registration fee will be refunded if TAPPI's Registration Department receives written notification, fax acceptable at +1-770-446-6947 by the "early bird" cut-off date of March 28, 2008. Please Note: There will be a 50% refund for all written cancellations made after the early bird date, but no later than 5 business days prior to the start of the course. Understandably, after this time no refunds can be issued. Substitutions, however, will be accepted any time without a penalty. In the event that this course is cancelled, TAPPI will refund all registration fees. TAPPI's liability is limited solely to the refund of registration fees.

The contact information you provide may be used by TAPPI or its business associates to notify you of items that may be of interest to you. I understand that under certain laws and regulations, TAPPI must have my written permission in order to communicate with me via fax or email. I hereby give TAPPI, TAPPI's business associates, the TAPPI Foundation, and TAPPI's Local Sections written permission to communicate with me via:  
 fax and/or  email

## GENERAL INFORMATION

Please circle: Mr. Ms. Mrs. Dr. Sr. Jr.

First Name \_\_\_\_\_ MI \_\_\_\_\_ Last Name \_\_\_\_\_

TAPPI Member # \_\_\_\_\_ Preferred Badge Name \_\_\_\_\_

Title \_\_\_\_\_ Company Name/Division \_\_\_\_\_

Company Address \_\_\_\_\_

City \_\_\_\_\_ State/Province \_\_\_\_\_

Zip/Postal Code \_\_\_\_\_ Country \_\_\_\_\_

Telephone \_\_\_\_\_ Fax \_\_\_\_\_

Email \_\_\_\_\_

Is this the first TAPPI event you have attended? \_\_\_\_\_ Yes \_\_\_\_\_ No

### 1. WHAT TYPE OF COMPANY DO YOU WORK FOR?

- Pulp and Paper/Paperboard Manufacturing (1)
- Paperboard Packaging Integrated Converting Plant (4AD)
- Paperboard Packaging Independent Converting Plant (4AO)
- Paperboard Packaging Headquarters (4AH)
- Independent Consultant: Engineering, Technical Production or Research (2)
- Manufacturer of Machinery, Equipment, Chemicals or Supplies (7)
- Woodlands Operation (3)
- Flexible Packaging Converting Plant (4BO)
- Flexible Packaging Headquarters (4BH)
- Dealer or Distributor of Supplies (8)
- University Professor (9A)
- Full Time Student (9B)
- University Library (9C)
- Press (10A)
- Library (10B)
- Association (10C)
- Government (10D)
- Retired (13)
- Nonwovens (14)
- Printing/Graphic Arts (15)
- Allied to the Industry (12)
- Industry Customer (End User) (16)

- Engineering (E)
- Purchasing (F)
- Marketing & Sales (G)
- Traffic & Shipping (H)
- Other Management & Administrative Personnel (I)
- Other (J) \_\_\_\_\_

### 2. WHAT IS YOUR PRIMARY JOB FUNCTION?

- (Check One)
- Librarians - Corporate (A)
  - Corporate Management (B)
  - Production (C)
  - Technical/Research & Development (D)

### 3. WHAT IS YOUR PRIMARY INDUSTRY? (Check One)

- Pulp Mill Only (P)
- Technical/R&D Facility/Headquarters (H)
- Paper/Paperboard Mill Only (F)
- Independent Operations or Converting Plant (O)
- Integrated Pulp/Paper/Paperboard Mill (D)

### 4. HOW DID YOU HEAR ABOUT THE COURSE?

- Tappi.org website
- Email
- Brochure
- Newsletter
- Colleague/Co-worker
- Other: \_\_\_\_\_

### 5. WHEN CHOOSING A COURSE THE MOST IMPORTANT FACTOR TO YOU IS:

- Registration Fee
- Travel Costs
- Program Content
- Meeting Location
- Access to new technology
- Access to customers
- Networking/Peer Interactions

## REGISTRATION FEE (Add total due on right)

	On/Before 3/28/08	After 3/28/08	Total
TAPPI Member	\$ 850	\$ 1420	
Non-Member	1275	2130	
Group of 3 (All TAPPI Members)*	640	1205	
Group of 3 (Non-Members)*	955	1810	
<input type="checkbox"/> Renew my TAPPI Membership for 12 months (add \$174)			
<input type="checkbox"/> Join TAPPI and save! (add \$174)			
<b>Choose one complementary book:</b>			
<input type="checkbox"/> Extrusion Coating Manual, 4th Ed. Item 0102B065			
<input type="checkbox"/> Roll and Web Defect Terminology 2nd. Ed. Item 0101R318			
<b>Order additional copies (Add one or more of these discounted books and pick them up when you arrive.)</b>			
<input type="checkbox"/> Extrusion Coating Manual, 4th Ed. Item 0102B065 (add \$79.00)			
<input type="checkbox"/> Roll and Web Defect Terminology, 2nd Ed. Item: 0101R318 (add \$99)			

## PAYMENT OPTIONS (All fees are in US dollars and must accompany registration)

Code 2357

**Payments by check:** Enclosed is check number \_\_\_\_\_ for \$ \_\_\_\_\_

(Make checks payable to TAPPI, must be in US dollars.)

Please mail checks to: TAPPI, P.O. Box 933644 Atlanta, GA 31193-3644, USA

**Payment by Wire:** \$ \_\_\_\_\_ was wired to TAPPI on (date) \_\_\_\_\_

(contact TAPPI at +1.770.446.1400 for wiring instructions)

**Payment by credit card:**

Please bill my credit card. (Complete the following information)

AMEX  Diner's Club  Visa  MasterCard  Discover

Credit Card # \_\_\_\_\_ Exp. Date \_\_\_\_\_

Signature \_\_\_\_\_

Check here if you have special requirements, and we will contact you. 