



# POLYURETHANE SHORT COURSE

APRIL 15-16, 2024 • OMNI LOUISVILLE HOTEL • LOUISVILLE, KY

## WHO SHOULD ATTEND:

*This course is designed to provide technical professionals with a better understanding of the chemistry, technology and fundamentals of polyurethane adhesive and sealants. A knowledge of chemistry is required for full appreciation of course content. Technically oriented business professionals will broaden their knowledge, expand their network, and meet the next movers and shakers in the supplier, formulating and end user community.*

## SPEAKING OPPORTUNITIES!

*Share your knowledge and expertise by presenting at the Annual Convention. Visit [www.ascouncil.org/abstractsubmission](http://www.ascouncil.org/abstractsubmission) to review the guidelines and submit an abstract.*



THE ADHESIVE AND SEALANT COUNCIL  
SECURING THE FUTURE®

## Co-located with the 2024 ASC Annual Convention & EXPO in Louisville, Kentucky

### Course Description

Polyurethanes are one of the most versatile chemistries used in many adhesive applications due to their outstanding ability to bond to a variety of substrates in both rigid and flexible applications. With versatility, however, comes complexity. Optimization of urethane technology is enhanced by a thorough understanding of the reactions between isocyanates, diols, chain extenders and the resulting morphology.

This intensive one day and a half day short course will cover the chemistry and technology behind 1- and 2-part polyurethane adhesives and sealants including markets, raw materials, reactions, formulating, fundamentals of adhesion, polymer science and physical testing. The content, delivered by experts in the field, along with discussions and networking of peers, suppliers, and manufacturers will present an opportunity to advance your knowledge on how to design, select, apply and trouble shoot polyurethane adhesive package and ultimately add to your bottom line.

Participants are invited to attend the ASC EXPO being held at no additional charge to network with the industry and learn about the latest innovations in the industry.

### Tentative Program Topics:

- **Polyurethane Market Overview** – Bindu Krishnan, Dow Chemical Company
- **Fundamentals of Adhesion** – Speaker to be announced
- **PU Chemistry & Structure Property Relationships** – Dr. Joseph Marcinko, Polymer Synergies LLC
- **Physical Testing of Adhesives & Sealants** – Speaker to be announced
- **Thermal Analysis of Polyurethanes** – Dr. Joseph Marcinko, Polymer Synergies LLC
- **TP Resins & Applications** – Jon Stuart, Pecora Corporation
- **Biobased PU & Applications** – Dr. Joseph Marcinko, Polymer Synergies LLC
- **PU Dispersions** – Raymond Zeliznik, Covestro
- **PU Hot Melts** – Christian Emden, Jowat Corporation
- **PU Applications: Building & Construction** – Raj Hariharan, Mapei
- **PU Applications: Assembly** – Daniel Van-Dyke, H.B. Fuller

*\*presentation titles are subject to change*

### Registration Fees:

**Short Course ONLY:** ASC Member/End-User: \$775 • Nonmember: \$1,185

**Short Course with Convention (early bird ends 02/16/2024):**

Early bird: ASC Member/End-User: \$1,125 • Nonmember: \$1,905 • Student \$200

Regular: ASC Member/End-User: \$1,225 • Nonmember: \$2,005 • Student \$375

*\*Registration deadline is March 29, 2024. No refunds after March 29, 2024.*

### Accommodations:

**Omni Louisville Hotel**, 400 South 2nd Street, Louisville, KY 40202 • 1-888-44-OMNI (6664)

*\*Reference the "ASC 2024 Annual Convention." Special group rate of \$244 single/double occupancy before March 12, 2024*

View EXPANDED course details and register at: [www.ascouncil.org](http://www.ascouncil.org)