

The Detroit Society for Coatings Technology presents:

VIRTUAL CONFERENCE:  
THU MAY 6 + FRI MAY 7



VISION  
INTO THE  
FUTURE

45TH FUTURE OF COATINGS UNDER STUDY

## THURSDAY, MAY 6

7:30–8:00 a.m. **FOCUS Announcements + Virtual Hub Tour**

8:00–8:45 a.m. **KEYNOTE**  
**Advance Coatings for the Mobility Industry**  
**PETE VOTRUBA-DRZAL**  
PPG

8:45–9:30 a.m. **Coatings Reflectance and LiDAR Detectability**  
**ANDRE BENDO + SCOTT SWAIN**  
BASF Color & Effects + BASF Coatings

**Improving Adhesion: A Continuing Challenge with Modern, Complaint Coatings**  
**JIM READER**  
Evonik

9:30–10:15 a.m. **Explore the “New Black” for Endless Possibilities in OEM Styling**  
**WEI LIU + MICHAEL JUNG NITZ**  
EMD Performance Materials

**Coatings and Materials Enabling Performance, Manufacturability, and Safety for EV Batteries**  
**CALUM MUNRO**  
PPG

10:15–10:45 a.m. **Student Posters, Virtual Exhibition Booths, Virtual Appointments/Networking**

10:45–11:30 a.m. **Texture Dampening and Telegraphing in Modern Automotive Layering Systems**  
**MEGAN SZAKASITS**  
Axalta Coating Systems

**Leveraging the 2020 Idea of the Year to Transform Your Painting Process**  
**MICHAEL BONNER**  
Saint Clair Systems, Inc.

11:30–12:15 p.m. **Shop Floor 3D Characterization of Substrates Through Final Coat**  
**ERIK NOVAK**  
4D Technology + General Motors

**Novel Process for Organic-Inorganic Hybrid Coatings for High-Performance Protective Coating Applications**  
**VIJAY MANNARI**  
Eastern Michigan University

12:15–12:45 p.m. **Student Posters, Virtual Exhibition Booths, Virtual Appointments/Networking**

12:45–1:30 p.m. **Investigation of Small Molecule Migration of Additives in Multi-Layer Coatings**  
**BRITTANY VENGLARCIK**  
Eastern Michigan University

**A Multiscale Approach to Modeling Polymer-Colloid Interactions in Waterborne Coatings**  
**ALYSSA TRAVITZ**  
University of Michigan

1:30–2:00 p.m. **Student Posters, Virtual Exhibition Booths, Virtual Appointments/Networking**

## FRIDAY, MAY 7

7:30–7:45 a.m.

**FOCUS Announcements + Virtual Hub Tour**

7:45–8:30 a.m.

**Stone Chipping of Automotive Coating Systems: Experiments and Simulations**

**MARK NICHOLS**

Ford Motor Company, Axalta Coating Systems +  
University of Michigan

**Superior OEM Clearcoat Developed Through Unique Industry Collaboration**

**JOE ZHOU + JEANETTE EASTMAN**

Eastman + Covestro

8:30–9:15 a.m.

**Corrosion Protection Primers Based on Zn/Mg Alloys for Mixed Metals Applications**

**JON LAWNICZAK**

Eckart America

**MODAFLOW NSR 100: A Novel Additive to Improve Scratch Resistance of Automotive Clearcoats**

**HANS SCHELLEKENS**

Allnex

9:15–9:45 a.m.

**Interactive Student Poster Q&A Session**  
(9:15–10:30 a.m.)

**Student Posters, Virtual Exhibition Booths, Virtual Appointments/Networking**

9:45–10:30 a.m.

**Investigating Rotary Atomization for Material & Process Improvements**

**AARON ZATORSKY**

PPG

10:30–11:15 a.m.

**DXQequipment.analytics**

**JEFFREY DIEDRICH**

Dürr USA

**Novel High Efficiency Crosslinkable Dispersing Agent for High Color Carbon Black and Transparent Organic Pigments**

**TONY MOY**

BASF

11:15–12:00 p.m.

**Virtual Exhibition Booths, Virtual Appointments/Networking**

12:00–12:45 p.m.

**Novel Resin Technologies for Low-Temperature Curing Coatings**

**TONY NEELY + SUSANA PORZIO**

BASF

**Synthesis of Microcapsules Containing Epoxy and Vinyl Ester Resins and Their Possible Applications in Self-Healing Coatings and Thread Locking Adhesives**

**DR. SEYED MIRABEDINI**

Eastern Michigan University

12:45–1:30 p.m.

**FOCUS Announcements, Student Poster Awards, Survey Results**

1:30–2:00 p.m.

**Virtual Exhibition Booths, Virtual Appointments/Networking**



[DSCTFOCUS.ORG](http://DSCTFOCUS.ORG)