



FOCUS ON THE FUTURE.

THURSDAY, MAY 5, 2022



THE INN AT ST. JOHN'S
PLYMOUTH, MI

7:30–8:15 a.m. Registration, Student Poster Session, Coatings Products Showcase, and Continental Breakfast – Reception & Garden Gallery Area

8:15–9:15 a.m. **KEYNOTE** GRANDE BALLROOM
Automotive Sustainability
GERALDINE BARNUEVO General Motors

9:15–9:30 a.m. Break, Student Poster Session, Coatings Products Showcase – Garden Gallery Area

Moderators GRANDE BALLROOM
CHRISTOPHER SEUBERT + LORRIE MCQUISTON
Ford Motor Company + PPG

JUDEA BALLROOM
SARAH HODAPP + VERNON COMEAUX
General Motors + Stellantis

9:30–10:10 a.m. **Scribe Creep of Coated Aluminum Alloy Panels: Exploring Substrate Pre-Treatment Influences & Interactions**
NIAMH HOSKING + MARK MCMILLEN
Ford Motor Company + PPG

Process Breakthrough Makes Silica Easy to Disperse: Easy to Disperse Fumed Silica Technology Reduces Equipment Demand, Processing Time, and Expense
ALI JAVADI
Evonik

NAZARETH 9:30–10:25
TUTORIAL
Formulating 10I
MIKE PRAW
Indorama Ventures

10:10–10:25 a.m. Break, Student Poster Session, Coatings Products Showcase – Garden Gallery Area

10:25–11:05 a.m. **Ecoat Challenges For BEVs**
THOMAS KELLER
Axalta Coating Systems

Novel Surface Additive for Crater Prevention and Improved Recoat
BRENT LAURENTI
Altana

11:05–11:20 a.m. Break, Student Poster Session, Coatings Products Showcase – Garden Gallery Area

11:20–12:00 p.m. **Reducing CO₂ with Synergistic Expanded Bake Technologies with Electrocoat and Structural Adhesives**
VIVEK BADARINARAYANA + COURTNEY BALLIET
PPG

Anti-corrosion Performance of Linseed Oil-Based Non-isocyanate Polyurethane (NIPU) Coatings
SYED MIRABEDINI
Eastern Michigan University

NAZARETH 11:05–12:00
TUTORIAL
Oil in Water: The Challenge for Waterborne Coatings
TIMOTHY DECEMBER
BASF

12:00–1:00 p.m. Lunch – Atrium (Lower Level)

1:00–2:00 p.m. **INDUSTRY EXPERT PANEL DISCUSSION** GRANDE BALLROOM
Leapfrog into Autonomous Driving

MODERATOR: DIANE LANGER BASF
PANELISTS: PAUL CZORNIJ BASF • **ELDON DECKER** PPG • **DANIEL KLEVORN** Ford Motor Company • **KEVIN O'CONNOR** Axalta Coating Systems

2:00–2:10 p.m. Break, Coatings Products Showcase, and Afternoon Snack – Garden Gallery Area

Moderators GRANDE BALLROOM
MATTHEW DULA + DIANE LANGER
Toyota Motors + BASF

JUDEA BALLROOM
BRIAN OKERBERG + JOHN BOISSEAU
PPG + Eastman

2:10–2:50 p.m. **Effect of Rain and Fog on Self-Cleaning Sensor Coatings for Autonomous Vehicles**
SONGWEI LU
PPG

Achieving Class-A Appearance on Coatings for Carbon Fiber Reinforced Plastic substrate: Enabling Light Weight Automotive Engineering
KEVIN TURLEY
BASF

2:50–3:00 p.m. Break, Coatings Products Showcase – Garden Gallery Area

3:00–3:40 p.m. **Pitch Black Nanostructured Copper Oxide as an Alternative to Carbon Black for Autonomous Environment**
SONGTAO WU
Toyota

Sustainable Clear Coat Formulations with an Extended Cure Window to Address Audi EV Needs
MILIND ANSURKAR
Eastman

3:40–3:50 p.m. Break, Coatings Products Showcase – Garden Gallery Area

3:50–4:30 p.m. **Coatings that Improve Manufacturing Efficiencies and Safety for Lithium-Ion Batteries**
NA ZHANG
PPG

Real Time Non-contact In-Process Thickness Measurement of Automotive Paint and Other Coatings
VIVEK KOMARAGIRI
SpecMetrix

NAZARETH 3:40–4:30
TUTORIAL
Spray Booth/Application
KURT KEARNEY + MICHAEL GAMARRA
Axalta Coating Systems

4:30–5:30 p.m. Announcements, Networking, and Cocktail Reception – Garden Gallery Area
Sponsored by: Axalta Coating Systems + PPG