

# Paint Technology Workshop 2018

## Day One Tuesday, October 1, 2018

8:45 - 9:00 am	Welcome Note	Kozo Saito	University of Kentucky
9:00 - 10:00 am	<b>Academic Keynote:</b> Toyota Paint Application 101	Cheryl Jones	University of Kentucky
<b>10:00 – 10:15 am</b>	<b>Break</b>		
10:15 - 10:45 am	Plasma Technologies for the Paint Application and Manufacturing Industry	Martin Nieto-Perez	Instituto Politecnico Nacional - CICATA
10:45 - 11:15 am	Effect of Carbon Nanotube Size and Type on Paint Curing Energy Efficiency Using Radio Frequency Heating	Ahmad Salaimeh	University of Kentucky
11:15 - 11:45 am	Advances in Conversion Coating and Challenges with Multicomponent Body Structure	Mark Doerre	University of Kentucky
<b>11:45 - 1:30 pm</b>	<b>Lunch</b>		
1:30 - 2:00 pm	Spot Painting to Extend the Life of Highway Bridge Coatings	Bobby Meade and Ted Hopwood	Kentucky Transportation Center
2:00 - 2:30 pm	Shining a Light On Coating Thickness Measurement With Terahertz	Rob May	Teraview
2:30 - 3:00 pm	Potential Applications of Emerging Technologies within the Petroleum Processing to Automotive Paint Booths	Joseph Alexander	Triblue
<b>3:00 - 3:15 pm</b>	<b>Break</b>		
3:15 - 3:45 pm	Manufacturing Paint Line Improvements with the use of Automation	Kevin Haulata	Graco
3:45 - 4:15 pm	Working Towards Making Better and Cheaper Lithium-ion Batteries by Electrostatic Spray Deposition	YT Cheng	University of Kentucky
4:15 - 4:45 pm			
<b>4:45 - 6:00 pm</b>	<b>Reception</b>		
<b>6:00 - 8:00 pm</b>	Dinner & Dinner Keynote: Educating the Next Generation of Painting Engineers	Nelson Akafuah	University of Kentucky

# Paint Technology Workshop 2018

## Day Two    Wednesday, October 3, 2018

9:00 - 10:00 am	<b>Industrial Keynote:</b> Paint Technology from a Manufacturing Perspective: 2018 Version	Douglas Bush	Toyota
<b>10:00 - 10:15 am</b>	<b>Break</b>		
10:15 - 10:45 am	Effect of Impinging Angle On Atomization Characteristics Of A Liquid Jet Across Sheet-Like Air Flow	S. Himori	Hirosaki University
10:45 - 11:15 am	Effect of Cup Edge Design On Atomization Characteristics	Ahmad Salaimeh	University of Kentucky
11:15 - 11:45 am	Shaping Air Impact on Droplet Atomization and Transport: A Visualization Approach	Adnan A. Darwish	University of Kentucky
<b>11:45 - 1:00 pm</b>	<b>Lunch</b>		
<b>1:00 - 2:00 pm</b>	<b>Laboratory Tour</b>		

### **Exhibitors**

**Teraview**

**Nippon Paint**