

# MODIFIERS BRING ASPHALT TO *Life!*

## 21st Annual

# WORKSHOP SCHEDULE



Tuesday, February 11, 2020  
 Rancho Mirage, California  
 Omni Rancho Las Palmas Resort



	Introduction & Paving	Advanced Technical & Roofing	Applications	Professional Development
ROOM	Fiesta 5	Fiesta 6	Las Palmas F	Desert Suite 2
8:00-8:45	<b>Introduction to Modified Asphalt Binders</b> <i>Everett Crews, Ingevity</i>	<b>Introduction to Modified Roofing Products</b> <i>Bob Kluttz, Kraton Polymers</i>	<b>Recycled Plastic Modification</b> <i>C. J. DuBois, Dow</i>	
8:45-9:30	<b>Chemistry Basics and Polymers 101</b> <i>Bob Kluttz, Kraton Polymers</i>	<b>Modified Shingles in Roofing</b> <i>Eileen Dutton, Malarkey Roofing</i>	<b>Modified Emulsions Application</b> <i>Dennis Muncy, Ingevity</i>	<b>Managing Change</b> <i>Scott Murray and Angel Carlton</i>
9:30-10:15	<b>Common Modifiers 101</b> <i>Ken Grzybowski, PRI Asphalt Technologies</i>	<b>Self-Adhered Underlayments</b> <i>Jonathan Davis, Owens Corning</i>	<b>Considerations for Performance Grading Implementation</b> <i>Bob Kluttz, Kraton Polymers</i>	
10:15-10:30	Break			
10:30-11:15	<b>Binder Testing 101</b> <i>John Casola, Malvern Analytical</i>	<b>Roofing Binders</b> <i>Laurand Lewandowski, Owens Corning</i>	<b>Warm Mix Applications</b> <i>Jennifer Bowers, Ingevity</i>	Continued...  <b>Managing Change</b>
11:15-12:00	<b>Basics of Emulsions 101</b> <i>Chris Lubbers, Kraton Polymers</i>	<b>Additives 201</b> <i>Codrin Daranga, Paragon Technical Services</i>	<b>Common Misconceptions &amp; Mistakes in Asphalt Binder Testing</b> <i>Mike Anderson, Asphalt Institute</i>	
12:00-1:00	Lunch			
1:00-1:45	<b>Handling/Laydown 101</b> <i>Tanya Nash, Asphalt Testing Solutions &amp; Engineering</i>	<b>Paving Mix Design</b> <i>Mike Anderson, Asphalt Institute</i>	<b>Polymers 201</b> <i>C. J. DuBois, Dow</i>	Continued...  <b>Managing Change</b>
1:45-2:30	<b>Field Performance 101</b> <i>John Casola, Malvern Analytical</i>		<b>Changes Due To IMO2020</b> <i>Geoff Rowe, Abetech</i>	
2:30-2:45	Break			
2:45-3:30	<b>Life Cycle Cost Analysis</b> <i>Dave Johnson, Asphalt Institute</i>	<b>Rheology &amp; Characterization 201</b> <i>John Casola, Malvern Analytical</i>	<b>Balanced Mix Design 201</b> <i>Tanya Nash, Asphalt Testing Solutions &amp; Engineering</i>	<b>NCAT Test Track Highlights</b> <i>Buzz Powell, National Center for Asphalt Technology</i>
3:30-4:15	<b>Pavement Preservation</b> <i>Delmar Salomon, Pavement Preservation Solutions</i>	<b>Advanced Analysis 201</b> <i>Geoff Rowe, Abatech</i>		<b>Changes Leading to IMO 2020</b> <i>Oswaldo Speranza, Argus Media</i>
4:15-5:15	<b>Plenary Hall of Fame Inductee Lecture</b> <i>Dr. Jon Epps, Texas A&amp;M</i>			