

2016 Arizona Pavements/Materials Conference - November 16-17, 2016

"Sustaining Performance"

Program

DAY 1 - Wednesday, November 16, 2016

8:00-10:00am	Registration, Exhibit Viewing - Continental Breakfast - <i>Arizona Ballroom 221</i>	
	OPENING SESSION: <i>Ventana Ballroom 241</i> <i>Moderator: Tom Buick, Consultant</i>	
10:00-10:15am	Welcome from ASU G. Edward Gibson, Jr., PhD, Director, School of Sustainable Engineering and the Built Environment, ASU	
10:15-10:30am	ADOT Agency Issues Overview Floyd Roehrich, Jr., PE, Executive Officer, Arizona Department of Transportation	
10:30-11:00am	Achieving Asphalt Pavement Sustainability John Bukowski, Materials & Quality Assurance, Team Leader, Federal Highway Administration	
11:00-11:30am	Financing Transportation Improvements, including Pavement Preservation, for Economic Expansion and Community Wellbeing Chuck Huckelberry, County Administrator, Pima County	
11:30-12:00pm	MAG Overview Dennis Smith, Executive Director, Maricopa Association of Governments (MAG)	
12:00-1:30pm	LUNCH: <i>Arizona Ballroom 221</i> - (Community Service Awards Luncheon/Witczak Endowment Scholarship Presentation/ Founders Award Presentation) <i>Moderator: David Martin, President, Arizona Chapter, Associated General Contractors</i>	
	TRACK 1	TRACK 2
	SESSION 1: AZ STATE RESEARCH PROGRESS <i>Ventana Ballroom 241</i> <i>Moderator: Jean Nehme, PhD, PE, Director of Performance Management, ADOT</i>	SESSION 2: PAVEMENT SUSTAINABILITY <i>Turquoise Ballroom 220</i> <i>Moderator: Kamil Kaloush, PhD, Associate Professor, ASU</i>
1:30-2:00pm	The Application of GIS and Accelerometers in Pavement Condition Assessment <i>Chun-Hsing (Jun) Ho, PhD, PE, Assistant Professor, NAU</i>	Advancing Sustainability with INVEST: Focus on Pavements <i>Connie Hill, PhD, Environmental Protection Specialist, FHWA</i>
2:00-2:30pm	Utilization of Wastes in Pavement Construction through Geopolymerization <i>Lianyang Zhang, PhD, PE, Associate Professor, UA</i>	Advancements in Asphalt Sustainability <i>Heather Dylla, PhD, Director of Sustainable Engineering, National Asphalt Pavement Association</i>
2:30-3:00pm	Pavements Research at ASU and its Relevance to Arizona <i>B. Shane Underwood, PhD, Assistant Professor, ASU</i>	Performance Specifications and Durability <i>W. Jason Weiss, PhD, Head of School of Civil and Construction Engineering, Oregon State University</i>
3:00-3:30pm	BREAK: <i>Arizona Ballroom 221</i>	
	GENERAL SESSION: <i>Ventana Ballroom 241</i> <i>Moderators: Bob McGennis, Technical Manager, HollyFrontier Refining & Marketing and Don Cornelison, Vice President/Division Manager, Speedie & Associates, Inc.</i>	
3:30-4:30pm	Hot Mix Asphalt Construction Quality Assurance Specifications - <i>What's Good and What's Bad Less Good</i> <i>John Shi, PhD, PE, Maricopa County DOT, Tom Kaczmarowski, City of Glendale, Paul Burch, ADOT, Philip Reid, Vulcan Materials Company</i>	
4:30-6:00pm	WELCOME RECEPTION - STUDENT POSTER SESSION <i>Moderator: Claudia Zapata, PhD., Associate Professor, ASU</i> Door Prizes, Refreshments, Complimentary Bar <i>Turquoise Ballroom 220</i> <i>All conference attendees are invited to attend.</i>	

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DAY 2 - Thursday, November 17, 2016

7:00-8:00am	Registration, Exhibit Viewing - Continental Breakfast - <i>Arizona Ballroom 221</i>	
	GENERAL SESSION: PAVEMENT PRESERVATION 1 <i>Ventana Ballroom 241</i> Moderator: <i>Mo Rahman, PE, Technical Services Manager, Alon Asphalt Company</i>	
8:00-8:30am	Lessons Learned in Pavement Preservation: A National Perspective <i>Larry Galehouse, PE, Director, National Center for Pavement Preservation</i>	
8:30-9:00am	Crumb Rubber in Asphalt Pavements-History, Uses and Benefits <i>Jon Epps, PhD, PE, Executive Associate Director, Texas A&M Transportation Institute</i>	
9:00-9:30am	Performance Characteristics of HMA/WMA Rubber/Polymer Modified Asphalt Mixtures <i>Peter Sebaaly, PhD, Director of Western Regional Superpave Center, University of Nevada, Reno</i>	
9:30-10:00am	MnROAD - A National Treasure <i>Ben Worel, MnROAD Operations Engineer, Minnesota Department of Transportation</i>	
10:00-10:30am	BREAK: <i>Arizona Ballroom 221</i>	
	TRACK 1	TRACK 2
	SESSION 3: PAVEMENT PRESERVATION 2 <i>Ventana Ballroom 241</i> Moderator: <i>Bill Hurguy, ADOT (Retired)</i>	SESSION 4: PAVEMENT ENGINEERING 101 <i>Turquoise Ballroom 220</i> Moderator: <i>Joe Phillips, Principal, Terracon</i>
10:30-11:00am	Cold Asphalt Recycling for a Sustainable Future <i>Chuck Valentine, Pavement Recycling Systems</i>	Pavement Triangle: Design/Construction Practice/Preservation <i>Matt Manthey, Pavement Management Supervisor, City of Mesa</i>
11:00-11:30am	ADOT Roadway Friction Studies <i>Kevin Robertson, PE, Pavement Condition & Evaluation Manager, ADOT</i>	Mechanistic-Empirical Pavement Design: History and Future <i>Feng Mu, PhD, CEMEX, Inc.</i>
11:30-12:00pm	Hot in Place Recycling-the First 50 Years <i>John Rathbun, Cutler Repaving, Inc.</i>	Implementation Process of Pavement ME Design in Maricopa County DOT <i>Gant Yasanayake, PhD, PE, MCDOT</i>
12:00-1:30pm	LUNCH: <i>Arizona Ballroom 221</i> - (Sponsors/Exhibitors Awards Luncheon/Student Poster Competition Presentation) Moderator: <i>Steve Trussell, Arizona Rock Products Association</i> Speaker: <i>Braden Allenby, PhD, Professor, Arizona State University (Introduced by Edward Kavazanjian, Jr., PhD, ASU)</i>	
	SESSION 5: BEST CONSTRUCTION PRACTICES <i>Ventana Ballroom 241</i> Moderator: <i>Paul Burch, PE, Manager, Pavement & Structural Materials Testing, ADOT</i>	SESSION 6: GEOTECHNICAL TECHNOLOGY <i>Turquoise Ballroom 220</i> Moderator: <i>Armando de la Rocha, PE, Senior Geotechnical Engineer/Principal, Western Technologies</i>
1:30-2:00pm	Contractor's Perspective on Achieving Quality and Smoothness in Hotmix Paving <i>Mark Belshe, PE, Executive Director, Rubber Pavements Association</i>	Utilizing Soil Stabilization in your Sustainable Engineered Designs <i>Marco Estrada, Pavement Recycling Systems</i>
2:00-2:30pm	Lessons Learned in Building the Phoenix Freeway System <i>Matt McNeil, Vice President, McNeil Brothers</i>	Geosynthetic Reinforced Soil Integrated Bridge System-GRS- IBS: An Overview <i>Laura Spencer, PhD, PE, Project Manager, Terracon Consultants, Inc.</i>
	GENERAL SESSION: <i>Ventana Ballroom 241</i> Moderator: <i>Kamil Kaloush, PhD, Associate Professor, Arizona State University</i>	
2:30-3:30pm	The Future of the Suburban City <i>Grady Gammage, Jr., Senior Fellow, ASU's Morrison Institute</i>	
3:30pm	END OF CONFERENCE - Grand Prize Drawing - <i>Ventana Ballroom 241</i> 9/19/2016	