SPRING ASPHALT PAVEMENT CONFERENCE & EQUIPMENT EXPO

Wednesday & Thursday, April 25 & 26, 2018
(Reception Wednesday, April 25, 2018 from 5:30 p.m. to 8 p.m.)
Doubletree Hotel Ontario Airport, 222 N. Vineyard Ave., Ontario, CA

8:00 a.m.  **OPTIONAL Technical Training Class (separate registration required) “Asphalt Pavement 101”**
A four-hour class covering the basics of asphalt production, paving, inspection and acceptance, taught by former Caltrans and & Asphalt Institute engineer Roger Smith. Refreshments and workbook included.

**DAY 1 PROGRAM — WEDNESDAY, APRIL 25**

11:30 a.m.  Registration Desk Opens / Networking / Trade Show Floor & Equipment Displays Open
Refreshments and snacks included.

1:00 p.m.  **Conference Welcome**
Mike Murray, Vulcan Materials Company & 2018 CalAPA Chairman

1:15 p.m.  **Featured Speaker: National research breaking new ground for asphalt pavements**
Richard Willis, Director of Pavement Engineering & Innovation, National Asphalt Pavement Assoc.
NAPA is partnering with several agencies and academic institutions to conduct research into asphalt pavements, and the results are already paying dividends in new designs, incorporation of the latest technology and benefiting from practical field experience. Get an overview of what’s new and innovative, including in the area of RAP, RAS and WMA.

2:00 p.m.  **Keynote speaker: SB1 and improving transportation in California**
Fran Inman, Chairwoman, California Transportation Commission
Under SB1, the $50 billion Road Repair & Accountability Act of 2017, California has a historic opportunity to make investments to improve the state’s vital transportation infrastructure, including state and local pavements. A noted expert on goods-movement, Inman will outline the many changes coming thanks to SB1, and also what it means for California’s economy and quality of life.

2:30 p.m.  **Technical Presentation: Joint Training & Certification of Materials Technicians**
Jeremy Peterson-Self, Project Manager, California Department of Transportation (Caltrans)
Dr. Shadi Saadeh, Program Manager, California State University, Long Beach
The formal rollout of the Joint Training & Certification program for materials technicians in California began in January. Hear from two principles managing the program about how it is going, some changes to expect and how it is making progress toward an overarching goal of reducing test variability.

3:00 p.m.  **BREAK** - Refreshments included. Trade Show booths and Outdoor Exhibit Area open.

3:30 p.m.  **Technical Presentation: Environmental Product Declarations EPDs**
Richard Willis, Ph.D., Director of Pavement Engineering & Innovation, NAPA
Learn how the “Emerald Eco-Label,” NAPA's verified Environmental Product Declaration (EPD) tool, makes it easy to quantify the environmental impact of an asphalt mix.

4:00 p.m.  **Technical Presentation: Life Cycle Assessment**
John Harvey, Ph.D., P.E., Director, University of California Pavement Research Center
A summary of research conducted by the University of California Pavement Research Center and others on the topic of Life Cycle Assessment and how it is intended to be implemented by the Caltrans.
Construction Focus: Parking Lot Construction Resources  
*Brandon Milar, P.E., Technical Director, CalAPA*

CalAPA in partnership with the Asphalt Pavement Alliance is rolling out additional resources on parking lot construction, including checklists and best practices, to help contractors and project owners.

DAY 1 PROGRAM CONCLUDES

RECEPTION – Beverages and hors d’oeuvres. Trade Show Floor Open / Equipment on display.

Reception is free for all conference attendees, but advance reservations are required at registration.

DAY 2 PROGRAM – THURSDAY, APRIL 26

Registration Desk Opens / Networking / Trade Show Floor & Equipment Displays Open

Full Breakfast.

Featured Speaker: Los Angeles County Department of Public Works  
*Mary Reyes, Principal Engineer, L.A. County DPW*

A representative from the Los Angeles County Department of Public Works outlines the impact of SB1 and the local transportation sales tax measure on transportation system improvements, including the anticipated pace of repairs to the county’s vast network of local roads.

CONCURRENT EDUCATIONAL SESSIONS

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<td>Asphalt Binders 101</td>
<td>The Latest Asphalt Pavement Design Tools - PaveXpress</td>
<td>Contractor Best Practices in Construction Quality</td>
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<td>What is asphalt? How do we test asphalt? What does PG mean? Mr. Humer will provide answers to these and other questions related to the “glue” that holds the rocks together.</td>
<td>What is PaveXpress? How can a pavement designer utilize the latest in asphalt pavement technology in their pavement designs? Milar will introduce the latest in pavement design software.</td>
<td>What is necessary to achieve an effective quality assurance program? Dr. Hand will describe the key elements and best practices of effective quality assurance programs.</td>
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<td><strong>Topic Lead:</strong> Bob Humer P.E., Regional Engineer, Asphalt Institute</td>
<td><strong>Topic Lead:</strong> Brandon Milar, P.E., Technical Director, CalAPA</td>
<td><strong>Topic Lead:</strong> Adam Hand PhD, Civil Engineering Professor, University of Nevada - Reno</td>
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BREAK

Asphalt Emulsions 101

Learn the ins and outs of Voids in the Mineral Aggregate (VMA). How can designers and producers design for VMA and manage in production?  
**Topic Lead:** Todd Vargason, Technical Sales Manager, Ergon Asphalt & Emulsions

Quantifying Risk in End Result Specs  
What makes a good specification? What should engineers that develop specification limits consider? Variability? Risk?  
**Topic Lead:** Tony Limas, California Group Quality Manager, Granite Construction

Managing Data for Quality  
You have tested your material and collected the data. Now what? A noted subject matter expert will share his experience in using the data to improve efficiency and effectiveness of your operations.  
**Topic Lead:** Dan Ridolfi P.E., Lastrada Partners

Strategies to Achieve Smoother Pavements  
*Don Matthews P.E., Manager, Pavement Recycling Systems*

Hear examples of how new technologies and strategies are assisting contractors in building smoother pavements for the demanding public.

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(Updated 04/23/18 by RWS)