

**Webinar orgnazied  
by Khalifa University**

**and co-sponsored by  
The Middle East Society  
of Asphalt Technologists**

## **Waste Plastic Modified Asphalt Binders and Mixtures**

**October 14, 2021**

**16:00 - 18:00 Abu Dhabi Time  
08:00 - 10:00 AM US ET**

### **Webinar Objective:**

- Raise awareness about environmental issues related to waste plastics
- Possibility of finding beneficial use / a second life in transportation infrastructures
- Challenges and performance of modified bitumen and asphalt mixtures with waste plastics.

### **Webinar link:**

<https://us04web.zoom.us/j/78306519055?pwd=dE5Oc1hSQ3U3OVVWREY4cnZDSU1wQT09>

**Moderator:** Kamil E. Kaloush, Ph.D., P.E.

**Arizona State University- Member of the  
Board of MESAT**

### **Speakers:**



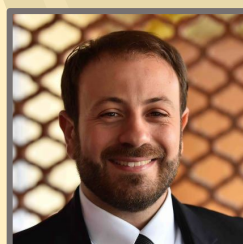
Dr. Jean-Pascal Planche is CEO of the Western Research Institute in Laramie, Wyoming, and served as VP of Asphalt and Petroleum Technologies. He also worked for Elf and TOTAL Bitumen worldwide. Currently he is PI for the NCHRP 9-60 project on developing new specifications for binder cracking contribution in North America, and as Project Manager of the Asphalt Industry Research Consortium, a WRI initiative helping Partners understand and address asphalt binder variability. He has been inducted into the Association of Modified Asphalt Producers Hall of Fame. JP obtained a chemical engineering degree from the Chemistry National School of Mulhouse, France, and a PhD in Macromolecular Science from the University of Lyon, France. He is credited for more than 150 publications and 30 patents.



Dr. Zhen Leng is an Associate Professor, the Director of the Road Research Laboratory, and the Associate Director of the Research Center for Resource Engineering towards Carbon Neutrality at The Hong Kong Polytechnic University. He received his Ph.D. in Civil Engineering from University of Illinois at Urbana-Champaign. His research interests include sustainable pavement materials and technologies, and nondestructive evaluation. He currently serves as the Vice President of Academy of Pavement Science and Engineering, the President-elect of the ASCE Greater China Section, and an Executive Board Member of the International Association of Chinese Infrastructure Professionals.



Dr. Fan Yin is an Assistant Director at the National Center for Asphalt Technology (NCAT) in the United States. He received his M.S. and Ph.D. in Civil Engineering from Texas A&M University. His research expertise includes balanced mix design, advanced asphalt materials characterization, and sustainable pavement materials. Dr. Yin has served as a PI or Co-PI on research projects with over \$5.0 million in grants. He is a registered Professional Engineer in the state of Texas.



Dr. Michele Lanotte is an Assistant Professor in the Department of Civil and Environmental Infrastructure at Khalifa University of Science and Technology in Abu Dhabi, UAE. He received his Ph.D. in Civil Engineering from the Polytechnic of Turin (Italy), specializing in Pavement Engineering. His expertise is in experimental and numerical investigation of mechanical behavior of asphalt pavements and materials, structural design of flexible pavements, and life cycle assessment.

