

Transportation Infrastructure Group (AK) Materials Section (AKM)

Production and Use of Asphalt Committee (AKM10)

Tuesday, Jan 07, 2025 8:00AM - 12:00PM, University of DC (M1) / Marriott Marquis

Scope: This committee is concerned with the production and use of asphalt materials. Economics, equipment, material selection, performance, placement, plants, production, specifications, and workforce are areas of primary interest.

Chair: James Willis rwillis@asphaltpavement.org

Binders for Flexible Pavement Committee (AKM20)

Wednesday, Jan 8, 2025 8:00AM - 12:00PM, University of DC (M1) / Marriott Marquis

Scope: This committee is concerned with those characteristics of binders that influence the design, construction, performance and maintenance of asphalt pavement, as well as changes in those properties over time. Areas of interest include chemical composition, physical properties, rheological properties, bonding to other materials, performance as affected by the environment and chemicals, and the health, safety and environmental effects of asphalt binders.

Chair: David Mensching david.mensching@dot.gov

Asphalt Materials Selection and Mix Design Committee (AKM30)

Monday, Jan 06, 2025 8:00AM - 12:00PM, University of DC (M1) / Marriott Marquis

Scope: This committee is concerned with the selection and characterization of component materials in asphalt mixtures and how those components are used to achieve mix design requirements.

Chair: Jennifer Bowers Jennifer.bowers@ingevity.com

Asphalt Mixture Evaluation and Performance Committee (AKM40)

Tuesday, Jan 07, 2025 1:30PM - 5:30PM, University of DC (M1) / Marriott Marquis

Scope: This committee is concerned with both laboratory and field asphalt mixture testing, characterization and modeling in support of pavement structural design and performance.

Chair: Benjamin Underwood bsunderw@ncsu.edu

Advanced Concrete Materials and Characterization Committee (AKM50)

Tuesday, Jan 07, 2025 8:00AM - 12:00PM, Dogwood (Mezz) / Marriott Marquis

Scope: This committee is concerned with basic research and emerging technologies related to hydraulic cement and other materials used in concrete. This includes nanotechnology, alternative cements, and the technologies used to evaluate and define concrete characterization, including non-destructive testing.

Chair: Anton Schindler schinak@auburn.edu

Properties of Concrete and Constituent Materials Committee (AKM60)

Tuesday, Jan 07, 2025 7:30PM - 10:00PM, Marquis Salon 5 (M2) / Marriott Marquis

Scope: This committee is concerned with the properties of concrete, hydraulic cements, and other constituent materials, as well as the proportioning of concrete mixtures to provide desired fresh and hardened properties. Quality control and quality assurance of these materials, including test methods, are also of interest. In addition, this committee is concerned with the interactions between material and mixture requirements and construction methods.

Chair: Nicole Dufalla ndufalla@gmail.com

Durability of Concrete Committee (AKM70)

Monday, Jan 06, 2025 1:30PM - 5:30PM, University of DC (M1) / Marriott Marquis

Scope: This Committee is concerned with the durability of concrete and its impacts on performance, service life and sustainability of new and existing structures and pavements. This includes concrete produced with various types of cementing materials, the delivery and placement practices used, and the curing practices provided to assure quality.

Chair: Peter Taylor ptaylor@iastate.edu

Aggregates Committee (AKM80)

Tuesday, Jan 07, 2025 1:30PM - 5:30PM, Marquis Salon 5 (M2) / Marriott Marquis

Scope: This committee is concerned with all aspects and types of materials used as aggregates in bound and unbound applications.

Chair: Kelly Cook kcook@edwclevy.net

Polymer Concretes, Adhesives, and Sealers Committee (AKM90)

Monday, Jan 06, 2025 8:00AM - 9:45AM, Dogwood (Mezz) / Marriott Marquis

Scope: This committee is concerned with the evaluation, implementation and use of polymer concrete, adhesives, and sealers in the maintenance, preservation, construction and rehabilitation of transportation facilities. Acrylics, epoxies, polyesters, urethanes, latex formulations, and other polymeric materials together with their modifications are included. Excluded from consideration are Portland cement, and asphalt materials, except where they are utilized as modifiers for polymerization products.

Chair: Michael Stenko

mstenko@transpo.com