

Workshop on Improved Characterization Methods for Modified Binders, Emulsions, and Mixtures

Day 1: **Technical Workshop**

8:00	Introduction to Characterization of Modified Binders
8:15	Use of the Multiple Stress Creep and Recovery Test for Grading Binders According to AASHTO MP19
9:15	Linear Amplitude Sweep Test Procedure and Analysis (AASHTO TP 101) for assessment of binder fatigue cracking resistance
10:15	DSR Elastic Recovery and DSR BYET Test Procedures and Analysis
11:00	The Single Edged Notched Beam (SENB) Test Procedure for selection of thermal crack-resistant modified and unmodified binders
12:00	Lunch (Provided)
1:00	The Binder Bond Strength Procedure (AASHTO TP 91) for assessment of binder and emulsion resistance to moisture damage
2:00	Performance-Related Evaluation of Asphalt Emulsions
3:00	RAP Binder PG True Grade Determination Procedure and Analysis
4:00	UTSST-ATCA Test Method for Measuring Mixture Thermal Stress Resistance and Performance

Day 2: **Laboratory Hands-On Session (Optional)**

9:00	DSR Binder Characterization (LAS, MSCR, BYET/Elastic Recovery)
10:00	Single Edged Notched Beam (SENB) Test Procedure
11:00	Bitumen Bond Strength test procedure (AASHTO TP 91)
12:00	ATCA Standard Test Procedure and Analysis