

Civil Engineering Graduate Seminar

SPEAKER

Dr. Xiaoming Huang

Professor, Associate Dean

School of Transportation, Southeast University, China



Dr. Huang is a Professor and associate Dean in school of transportation in Southeast university in China. He has his bachelor, MS and PhD degrees from Southeast University, all in civil engineering. He was a visiting scholar at ARRB(Australia Road Research Board during 2002.3-2002.10, the advisor- John Oliver) and was a visiting researcher at University of Illinois at Urbana and Champaign during 2008.6-2008.8. His research focuses on asphalt pavement technology such as hot asphalt mixture design, Superpave technology, asphalt and concrete pavement construction methods; concrete and asphalt concrete pavement; asphalt and concrete pavement structural analysis and design; pavement maintenance and rehabilitation, asphalt recycling and the using of MHB (Multihead Hammer Breaker) in concrete pavement repair, pavement economic and evaluation(LCCA) . Professor Huang is a member of China Highway and Transportation Society, International Geosynthetics Society and China Association of Geosynthetics. His research has resulted in the authoring/coauthoring of more than 180 publications including 18 books as well as 5 patents. During his academic career, he has accomplished more than 35 projects as PI/ Co-PI.

The Aging Properties of SBS Modified Bitumen and Its Recycling

In China, following the huge new highway constructions, large portion of the highway network needs to be maintained and rehabilitated. Reclaimed asphalt material has been studied, produced and used for pavement rehabilitations. This lecture will cover the study of aging of the modified asphalt binder, the influence of mineral filler and trichloroethylene. The lecture will also cover an introduction of research in pavement engineering in China as well as the research in Southeast university in China.

Time & Venue

4-5 pm, Jan. 19th

Dow 624

Public welcome

MichiganTech