

**Symposium of Pavement Mechanics and Materials**  
<http://www.cpe.vt.edu/emd2007/index.html>  
ASCE Engineering Mechanics Division Conference 2007  
June 3-6, 2007  
Virginia Tech, Blacksburg, VA 24061

The objective of this symposium is to collect and disseminate state-of-the-art and new, emerging techniques and developments on pavement mechanics including characterization, modeling and simulation of pavements and pavement materials. Topics of interest include, but not limited to:

Discrete and finite element modeling of the response of pavement materials,  
Performance models of flexible and rigid pavements,  
Modeling of vehicle-pavement interactions,  
Constitutive modeling and experimental characterization of pavement materials (asphalt binder, aggregates, asphalt mixes, cementitious materials and Portland cement concrete, unstabilized and stabilized bases, and subgrade soils),  
Numerical response analysis of pavements under static and dynamic wheel loading and climatic conditions,  
Experimental measurements and modeling of permanent deformation, fatigue cracking, low temperature cracking and moisture damage in pavement layers,  
Microstructure characterization and micromechanics of asphalt concrete and cementitious materials and Portland cement concrete,  
Artificial intelligence techniques and application for forward and backcalculation analyses of pavements.

The selected papers will be published in ASCE's Geotechnical Special Publication after the conference if ASCE approves. All papers will be peer reviewed for this publication.

**Some important dates:**

Abstract Submission Deadline	December 15, 2006
Acceptance Notification	January 15, 2007
Paper Submission Deadline	April 2, 2007
Registration Deadline	May 18, 2007
Conference and Presentation	June 3-6, 2007
Reviewer's comments	June 29, 2007
Revised paper	July 30, 2007

**For questions and comments, contact:**

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