Objective:

The objective of this workshop is to bring together leading scholars in concrete pavement research and fracture mechanics in order to develop recommendations for research needs in the development of advanced fracture mechanic concepts for concrete pavements. Based on participant presentations and discussions at the workshop, a research needs document will be written and submitted by the workshop organizers to the following organizations which can support concrete pavement research including NSF, TRB, NCHRP, FHWA and ISCP.

Workshop Topics:

Theoretical, experimental, and applied fracture mechanics techniques for concrete and pavements, numerical simulation, state-of-the-art concrete pavement design, cracking in concrete

Workshop Format:

- Submit a 5-page (maximum) single spaced paper with abstract in advance to be distributed at the workshop in pdf or MS-Word format
- Three invited keynote presentations summarizing the state-of-the-art in concrete fracture mechanics modeling, testing, and relevant applications (Professors Surendra Shah and Zdenek Bazant from Northwestern University, Evanston, IL and one international speaker to be named later).
- Each participant will make a short presentation (15 minute) followed by a round table discussion
- Recommendations to the 8th International Conference on Concrete Pavements will be discussed and voted on by the participants
- Each participant will receive proceedings of the workshop papers
Workshop Chairmen:

Lev Khazanovich  University of Minnesota
Jeff Roesler   University of Illinois

Workshop Steering Committee:

Shiraz Tayabji  Construction Technology Laboratories
Anastasios Ioannides University of Cincinnati
Julie Vandenbossche University of Pittsburgh
Jose Balbo  University of Sao Paulo
Dan Zollinger  Texas A&M University

Costs:
USD625 workshop fee includes 3 nights hotel accommodation (Aug. 10-12) and Breakfast (2), Lunch (2), and Dinner (2) on Thursday and Friday as well as the Wednesday night reception. The registration will be conducted through the Purdue University Conference Division. For information about registration, contact:
Nona Schaler at njschaler@purdue.edu
Phone: (765) 494-2756 or (800) 359-2968 (USA only)
Fax: (765) 494-0567
www.conf.purdue.edu/concrete/workshop

Hotel Accommodations:
Rooms will be reserved for the nights of August 10-12 at the Copper Mountain Resort in Copper Mountain, Colorado, USA once the full registration fee is paid. Information on the resort can be found at:
http://www.coppercolorado.com/
or by calling the Copper Mountain Resort at 888-219-2441.

Preliminary Program:

Wednesday, August 10, 2005
Arrival of participants and evening reception

Thursday, August 11, 2005:
7 a.m. - 8 a.m.    Breakfast
8 a.m. - 12 p.m.  Technical Sessions
12 p.m. – 1 p.m. Lunch
1 p.m. - 5 p.m.   Technical Sessions
6 p.m.            Dinner

Friday, August 12, 2005
7 a.m. - 8 a.m.    Breakfast
8 a.m. - 12 p.m.  Technical Sessions
12 p.m. – 1 p.m. Lunch
1 p.m. - 5 p.m.   Technical Sessions
6 p.m.            Closing Banquet

Saturday, August 13, 2005
Morning    Departure to Colorado Springs for the 8th International Conference on Concrete Pavements

Deadlines:
May 15, 2005 – final submission of 5-page paper
Papers should be sent in pdf or MS-Word format to Jeff Roesler at jroesler@uiuc.edu or Lev Khazanovich at khaza001@umn.edu

For More Information:
Please contact one of the workshop organizers:

Jeff Roesler   Lev Khazanovich
University of Illinois  University of Minnesota
Phone: (217) 265-0218  Phone: (612) 624-4764
Email: jroesler@uiuc.edu  Email: khaza001@umn.edu