

**Agenda for ACI Committee 446 - Fracture Mechanics
Fall 2010 meeting**

Monday October 25, 2010.
The Westin Convention Center, Pittsburgh, PA
3:30PM – 5:00 PM W-SOMERSET WEST

1. Introduction, membership report, discussion of committee goals.
2. Approval of minutes from the Fall 2010 meeting in Chicago.
3. Review of action items (Cusatis).
4. Collaboration with ACI 224 for the update of ACI 224R, Control of Cracking of Concrete Structures (Darwin).
5. Status ACI 446 reports
 - a) Fracture Toughness Testing Report 5 (Cusatis)
 - b) Fracture Applications Report 2 (Cusatis)
6. Beam Shear Proposal to ACI318E and ACI445 (Cusatis)
7. Planning for new sessions and SPs
 - a) Strengthening and repairing of reinforced concrete structures with FRP materials: a fracture mechanics approach (Subramaniam, Carloni).
 - b) Application of fracture mechanics (Cusatis, Carloni)
 - c) Calibration and validation of concrete models (Cusatis, Di Luzio).
 - d) Effect of temperature and moisture content on concrete fracture properties (Cusatis, Reinhardt).
8. New business
9. Adjournment