

Agenda for ACI Committee 446 - Fracture Mechanics meeting in Orlando, Florida

Saturday May 15, 2010, 9:00AM – 11:00 AM,

ASCE/SEI Structures Congress @ Gaylord Palms Hotel & Convention Center
6000 West Osceola Parkway, Kissimmee, FL 34746

1. Introduction and membership report.
2. Approval of minutes from the Fall 2010 meeting in Chicago.
3. Announcements and review of action items (Cusatis).
4. Upcoming and planned sessions:
 - a) Discrete modeling of concrete materials and structures – Framcos 7, May 2010, Korea (Cusatis).
 - b) Constitutive and fracturing behavior of quasi-brittle materials: computation and experiments – 2010 ASCE EMI Conference, August 2010, Los Angeles (Cusatis).
6. Status ACI 446 reports
 - a) Fracture Applications Report 2 (ACI 446.2R) (Ju, Subramanian)
 - b) Fracture Toughness Testing Report 5 (Cusatis)
7. Beam Shear Proposal to ACI318E and ACI445 (Cusatis, Bazant)
8. Planning for new sessions
 - a) Effect of temperature and moisture content on concrete fracture properties, to be submitted (Cusatis, Reinhardt).
 - b) Strengthening and repairing of reinforced concrete structures with FRP materials: a fracture mechanics approach, to be submitted (Subramaniam, Carloni).
 - c) Calibration and validation of concrete models, to be submitted (Cusatis).
9. Planning for new reports
10. New business
11. Next meeting and adjournment