

ACI-ASCE Committee 447
Finite Element Analysis of Reinforced Concrete Structures
Meeting at ACI Spring Convention, Atlanta, GA
Fayette Room

Monday, April 23, 11:30am-2:00pm

Agenda

1. Introductions
2. Review and approve minutes from previous meeting: ACI Fall Convention, Denver, CO November 2006.
3. Membership update
4. Announcements
5. Report on upcoming technical sessions to be sponsored by our committee:
 - a. Tuesday, 2:00 – 5:00 and Wednesday, 9:00 – 12:00 in Salon C. “Blind prediction of the earthquake response of building beam-column joints.” Study uses experimental data provided by Prof. Hitoshi Shiohara, University of Tokyo. Sessions organized by Shiohara and Lowes.
 - b. Future sessions to be organized?
6. Update on State-of-the-Art Reports and discussion of potential Practice-Oriented Information (POI) documents
 - a. Ayoub, Mo, Palermo: Modeling of Modern Concrete Structures for Performance-Based Design
 - b. Al-Mahaidi: Modeling for the Repair and Rehabilitation of RC and Masonry Structures
 - c. Sritharan and Ayoub (in collaboration with Com. 408): Modeling Bond in Reinforced Concrete
 - d. Bommer: Analysis of PT Slabs.
 - e. Kotsovos and Pavlovic: Finite-Element Analysis Based on the Use of a Brittle Model of Concrete Behaviour
 - f. *****: Modeling of Structural Concrete under Impact and Blast Loading
7. Potential POI documents
 - a. John Jakovich – FEM analysis of thin-walled structures.
8. New business
9. Adjourn