

ACI-ASCE Committee 447
Finite Element Analysis of Reinforced Concrete Structures
Meeting at ACI Fall Convention 2008, St. Louis, MO
Landmark Meeting Room 5
Monday, November 3, 11:30am-2:00pm

1. Introductions

2. Review and approve minutes from previous meeting: ACI Spring Convention, LA, April 2008

3. Membership update: The following individuals have joined the committee since the last meeting:

Associate member: Gang Lu, Shaw Stone & Webster, MA

Associate member: Gianluca Cusatis, Rensselaer Polytechnic Inst., NY

4. Announcements

5. Report on upcoming technical sessions to be sponsored by our committee:

- a. Lowes:** Reminder of two technical sessions organized by Allan Bommer and John Jakovich in conjunction with Com. 118 on Tuesday, Nov. 4:

Practical Use of Finite Element Analysis in the Design of Concrete Structures, Part 1, 9a-12p, in Rm C-225

Practical Use of Finite Element Analysis in the Design of Concrete Structures, Part 2, 2p-5p, in Rm C-225

- b. Future sessions to be organized?**

6. Update on State-of-the-Art Reports

- a. **Ayoub:** 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. **Connelly, Thiagarajan, , Williamson:** Modeling of Structural Concrete under Impact and Blast Loading

7. Update on Practice-Oriented Information (POI) documents

Note: POI documents would be roughly 2-5 pages. May take time to write concisely but seems that they could be balloted and published relatively quickly.

- a. **Bommer:** Assumptions in FE Slab Analysis and Their Design Implications
b. **Bommer (with Sullivan):** Evaluation of Negative Flexural Strength in Composite Girders with Post-Tensioned Slabs
c. **Thiagarajan:** Seismic analysis methods for buildings.
d. **New POIs?**

9. New business