

ACI-ASCE Committee 447
Finite Element Analysis of Reinforced Concrete Structures
Meeting at ACI Spring Convention 2009, San Antonio
Conference Room 6
Monday, March 16, 11:30am-2:00pm

1. Introductions

2. Review and approve minutes from previous meeting: ACI Fall Convention, St. Louis, November 2008

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

- Associate member: Syed Mizanur Rahman, Areva Np Inc
- Associate member: James Shin, Rosenwasser Grossman Consulting Engineers
- Associate member: Jiazhu Hu, Black and Veatch
- Associate member: Hasan Ozek, Arup

4. Introduction of new chair, Ashraf Ayoub

5. Announcements

6. Report on technical sessions “Practical Application of FEM” organized at Fall 2008 convention (Jakovich, Bommer or Lowes).

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

- a. **Lowes:** volunteers needed to organize a technical session at the 2010 Structures Congress in Orlando
- b. **Ayoub:** Update on sessions honoring Tom Hsu at Fall 2009 Convention
- c. **Jakovich:** Update on session on practical analysis with Com. 118 for Fall 2009
- d. **Ganesh:** Update on session on blast loading with Com. 370 for Fall 2009
- e. **Future sessions to be organized?**

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

- a. **Ayoub:** Modeling of Modern Concrete Structures for Performance-Based Design
- b. **Lowes for Al-Mahaidi:** Modeling for the Repair and Rehabilitation of RC and Masonry Structures
- c. **Sritharan (in collaboration with Com. 408):** Modeling Bond in Reinforced Concrete
- d. **Connelly:** Modeling of Structural Concrete under Impact and Blast Loading

9. Update on Technical Notes (were POIs)

Call for update on Tech. Notes. These would be roughly 2-5 pages. May take time to write concisely but seems that they could be balloted and published relatively quickly.

10. New business