

ACI-ASCE Committee 447
Finite Element Analysis of Reinforced Concrete Structures
Meeting at ACI Fall Convention 2010, Pittsburgh
C-405
Monday, October 25, 11:30am-1:30pm

1. Introductions

2. Review and approve minutes from previous meeting: ACI Spring Convention, Chicago, March 2010

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

Associate member: Yong Lu, University of Edinburgh, The UK
Associate member: Zhibin Lin, University of Wisconsin-Milwaukee
Associate member: Farhad Aslani, University of Technology—Sydney, Australia
Associate member: Serhan Guner, Morrison Hershfield Limited, Toronto, Canada
Associate member: Jason Draper, Burns & McDonnell, Kansas City

4. Meeting Schedule: Committee meeting will be at 11am starting next convention in Tampa

5. Report on technical sessions sponsored by the committee:

- a. **Thiagarajan:** Blast and Impact Loading Response of Concrete Structures, 3 sessions organized at Fall 2010 Convention. A Special Publication will follow.
- b. **Jakovich:** “Practical Applications of Numerical Analysis and Design”, session organized at Fall 2010 Convention.
- c. **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 (in collaboration with Com. 408):** Modeling Bond in Reinforced Concrete

7. ACI 318-C Task Group

Das: Update on progress of Task Group work

8. Resolving the Negatives of the Tech Note on Twisting Moments in Finite Element Based Design of Reinforced Concrete Slabs

9. New business

10. Adjourn