

**ACI-ASCE Committee 447**  
Finite Element Analysis of Reinforced Concrete Structures  
Meeting at ACI Spring Convention 2012, Dallas  
Cockrell Room  
Monday, March 19, 11:00am-1:30pm

**1. Introductions**

**2. Review and approve minutes from previous meeting: ACI Fall Convention, Cincinnati, October 2011**

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

- Associate member: Danny Smyl, University of Kansas
- Associate member: Ahmed Abdel-Mohti, Ohio Northern University
- Associate member: James Deaton promoted to Full member

**4. Introduction of New Chair**

**5. Report on technical sessions sponsored by the committee:**

- a. **Al-Mahaidi:** Modeling of FRP Strengthening Techniques in Concrete Infrastructure. Session organized in Cincinnati, Fall 11. A Special Publication will follow.
- b. **Cusatis:** Session in Collaboration with ACI-446 on Calibration of Concrete Models.
- c. **Ayoub:** Finite Element Analysis of Nuclear Structures. Session to be organized at the 2012 Structures Congress in Chicago.
- d. **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 Zhao (in collaboration with Com. 408):** Modeling Bond in Reinforced Concrete

**7. NESCC – Concrete Task Group (CTG) Report:** Post-Processing Finite Element Analysis Results for the Design of Nuclear Concrete Structures

**Edwardsen:** Update on progress of Task Group work. Task Group to meet at 5pm in Cumberland G

**8. Resolving TAC Comments of the TechNote on Twisting Moments in Finite Element Based Design of Reinforced Concrete Slabs.**

**9. New business**

**10. Adjourn**