

ACI-ASCE Committee 447
Finite Element Analysis of Reinforced Concrete Structures
Meeting at ICE PALACE,
ACI Fall Convention 2012, Toronto
Monday, October 22nd, 11:00am-1:30pm

1. Call to Order

2. Introduction of Members and Guests

3. Excused absences

4. Review and approve minutes from previous meeting: ACI Spring March 2012 Dallas Convention.

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

Full Members: 30 members
Associate Members: 38 members
Consulting Members: 14 members

6. Introduction of New Secretary

7. Report on possible technical sessions to be sponsored by the committee:

- a. **Cusatis:** “Development of guidelines for the calibration and validation of concrete models” , Session in Collaboration with ACI-446 on Calibration of Concrete Models.
- b. **Ganesh:** Fall 2013 Session on ‘Blast Blind Prediction Contest’ – Winners to present their results and methodologies
- c. **Ganesh:** Update on Blast Blind Prediction Contest (co sponsored by 370).
- d. **Future sessions to be organized?**

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

- a. **Ayoub:** Modeling of Modern Concrete Structures for Performance-Based Earthquake Engineering (447.XR)
- b. **Al-Mahaidi:** Modeling for the Repair and Rehabilitation of Modern Concrete Structures for Performance Based Design (447.ZR)
- c. **Sritharan and Zhao (in collaboration with Com. 408):** Modeling of Cyclic Bond in Reinforced Concrete (447.YR)

9. NESCC – Concrete Task Group (CTG) Report: Post-Processing Finite Element Analysis Results for the Design of Nuclear Concrete Structures (447.YT)

Edwardsen: Update on progress of Task Group work.

10. Resolving the TechNote Issue on Twisting Moments in Finite Element Based Design of Reinforced Concrete Slabs.

11. New business

12. Adjourn