

ACI-ASCE Committee 447
Finite Element Analysis of Reinforced Concrete Structures
Meeting at Room CASCADE 2
Reno, NV 03/24/2014 11:00:00 AM - 1:30:00 PM
ACI Spring 2014 Convention

1. Call to Order and Introduction of Members and Guests

2. Excused absences

3. Review and approve minutes from previous meeting: ACI Spring 2013 Minneapolis Convention.

4. Membership update:

5. Report on possible technical sessions/Special Publications 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. (In Abeyance)
- b. **Special Publication** – Based Fall 2014 Session on ‘Blast Blind Prediction Contest cosponsored by 370 (Ganesh).
- c. Future sessions to be organized?

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

- a. **Ayoub:** Modeling of Modern Concrete Structures for Performance-Based Earthquake Engineering (447.XR) – Discussion of results of the Ballot.
- b. **Sritharan and Zhao (in collaboration with Com. 408):** Modeling of Cyclic Bond in Reinforced Concrete (447.YR)
- c. **Al-Mahaidi:** Modeling for the Repair and Rehabilitation of Modern Concrete Structures for Performance Based Design (447.ZR)
- d. **NESCC – Concrete Task Group (CTG) Report:** Post-Processing Finite Element Analysis Results for the Design of Nuclear Concrete Structures (447.YT)
Micheal OLeary / Carlos Coronado: Update

7. Twisting Moments in Finite Element Based Design of Reinforced Concrete Slabs (Allan Bommer)

8. Dr. Mukti L Das – “Correct Interpretation of Design Stress Resultants from Software”.

8. Brief introduction by Dr. Ioannis Koutromanous of his research work on nonlinear truss modeling of shear-dominated RC columns subjected to seismic loading.

11. New Business/ Adjourn