

ACI-ASCE Committee 447
Finite Element Analysis of Reinforced Concrete Structures
Meeting at ACI Spring Convention, New York, NY
NY Hilton, Concourse D

Monday, April 18, 11:30am-1:30pm

Agenda

1. Introductions
2. Review and approve minutes from previous meeting: ACI Fall Convention, San Francisco, 25 October 2004.
3. Review committee membership.
4. Review upcoming technical sessions to be sponsored by our committee:
 - a. ACI Fall 2005, New Orleans, LA: Benchmark study organized by Bayrak and Vecchio.
 - b. ACI Spring 2006, Charlotte, NC: Practical Methods for Analyzing SSI Problems, organized by John Jakovich.
 - c. Others?
5. Report on US-Japan Workshop on Finite Element Analysis of Reinforced Concrete Structures, Hawaii, November 2003 (Lowes)
6. Update on State-of-the-Art Reports
 - a. Ayoub, Mo, Palermo, Vecchio: Modeling of Modern Concrete Structures for Performance-Based Design.
 - b. Al-Mahaidi: Modeling for the Repair and Rehabilitation of RC and Masonry Structures (update to be presented by Lowes).
 - c. Dekelbab and Conely: Modeling of Structural Concrete under Impact and Blast Loading.
 - d. Sritharan and Ayoub (in collaboration with Com. 408): Modeling Bond in Reinforced Concrete.
 - e. Dekelbab, Nassif and Bolander: Time-Dependent Modeling of Structural Concrete.
 - f. Kotsovovs and Pavlovic: Finite-Element Analysis Based on the Use of a Brittle Model of Concrete Behaviour (update to be presented by Lowes).
7. Presentations by Vladimir Cervenka, Cervenka Consulting: Modeling the response of concrete structures using ATENA and Ron Klemencic, Magnusson Klemencic Associates: Modeling Concrete Structures in the Design Office.
8. New business
9. Adjourn