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## **AAAEA September 2011 DINNER SEMINAR**

### **Impact of Recent Earthquakes on Structures and Lifeline Systems**

By

**Adel E. Abdelnaby**  
PhD Candidate, University of Illinois U-C

Recent earthquakes of high damage potential were recently observed in Japan, Chile, and Haiti. Numerous infrastructure systems were affected by ground shakings. Buildings, transportation systems and utility networks were damaged in addition to serious loss of human life. In this seminar: (1) damage occurred to structures and lifeline systems due to these earthquakes will be presented; (2) reasons for structural damage will be analyzed; and (3) thoughts for safer design/construction procedures will be provided.

**Bio:** Adel Abdelnaby is currently a PhD Candidate at the University of Illinois at Urbana-Champaign. He has two years of work experience since he worked for Arab Consulting Engineers (ACE) Consultants, one the leading construction firms in the middle east, from May 2005 till December 2007. Worked on several projects including Dubai Mall, Toshiba Factory project in addition to designing medium rise steel buildings and aircraft hangers. On January 2008, Abdelnaby was hired as a research assistant at the Mid America Earthquake Center that funded him to pursue his MSc and PhD. He worked as a Teaching Assistant in Spring 2011 to help teaching/grading the "Introduction to Earthquake Engineering" course at U of I.

Date: Wednesday, September 14, 2011  
Time: 5:30 p.m. Social  
6:00 p.m. Dinner & Presentation  
Place: University of Illinois at Chicago (UIC)  
ERF "Engineering Research Facilities"  
842 West Taylor, Room# 1043, Chicago  
Cost: AAAEA Members \$15, Non-Members \$20 and  
Students are Free.

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