



Advance notification:

One day seminar:

Seismic Analysis using Finite Elements

Modern numerical analysis methods provide a valuable tool to engineers involved in the design or assessment of mechanical, structural and geotechnical systems which may experience earthquake loads. Finite element analysis methods are firmly established as the most powerful method for simulation of structural response to seismic actions. Safe and effective use of FE methods for seismic analysis requires a good understanding of structural mechanics, as well as knowledge of the capabilities and limitations of special purpose analysis methods. An appreciation of engineering seismology is also valuable.

This one day seminar brings together experienced specialists from industry and academia to present examples of recent use of FE methods for seismic analysis. The objective of the event is to provide practical insight into the application of a variety of FEA tools to a range of earthquake engineering challenges. The emphasis will be on effective use of readily available analysis methods, rather than cutting-edge research activity.

The seminar accompanies the introductory book “How to do Seismic Analysis using Finite Elements”, recently published by NAFEMS.

Date: Friday 5th December 2008. **Schedule:** TBC. 10-4pm (provisionally), lunch included

Location: Institution of Civil Engineers, One Great George Street, London, SW1P 3AA

Cost: £135 for member of NAFEMS and £170 for non-members. **Members of SECED can attend the seminar for the special price of £75.**

Booking: Visit the NAFEMS website (www.nafems.org). To go straight to the booking form you can use this URL: <http://tinyurl.com/5w8xy4>.

