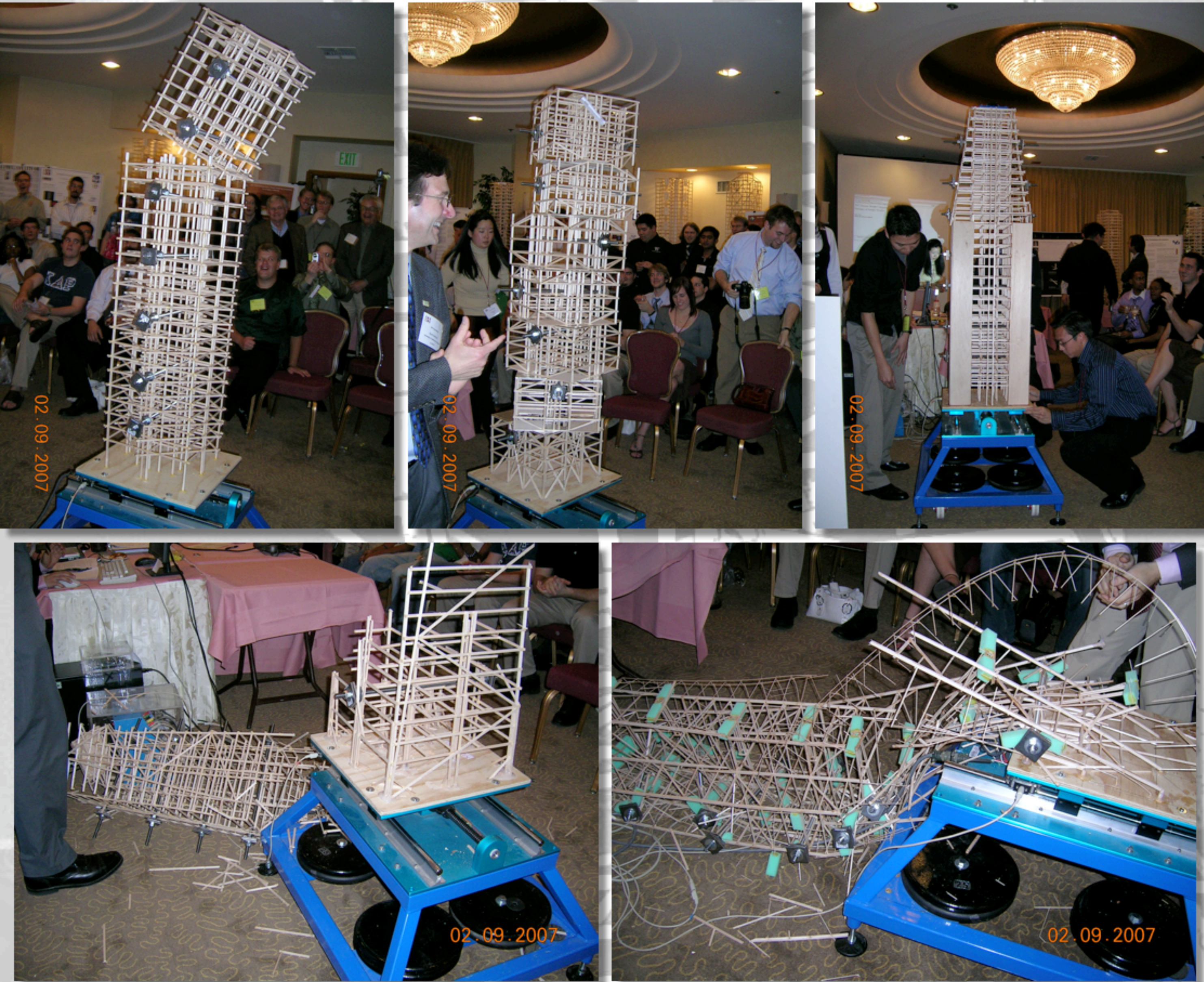
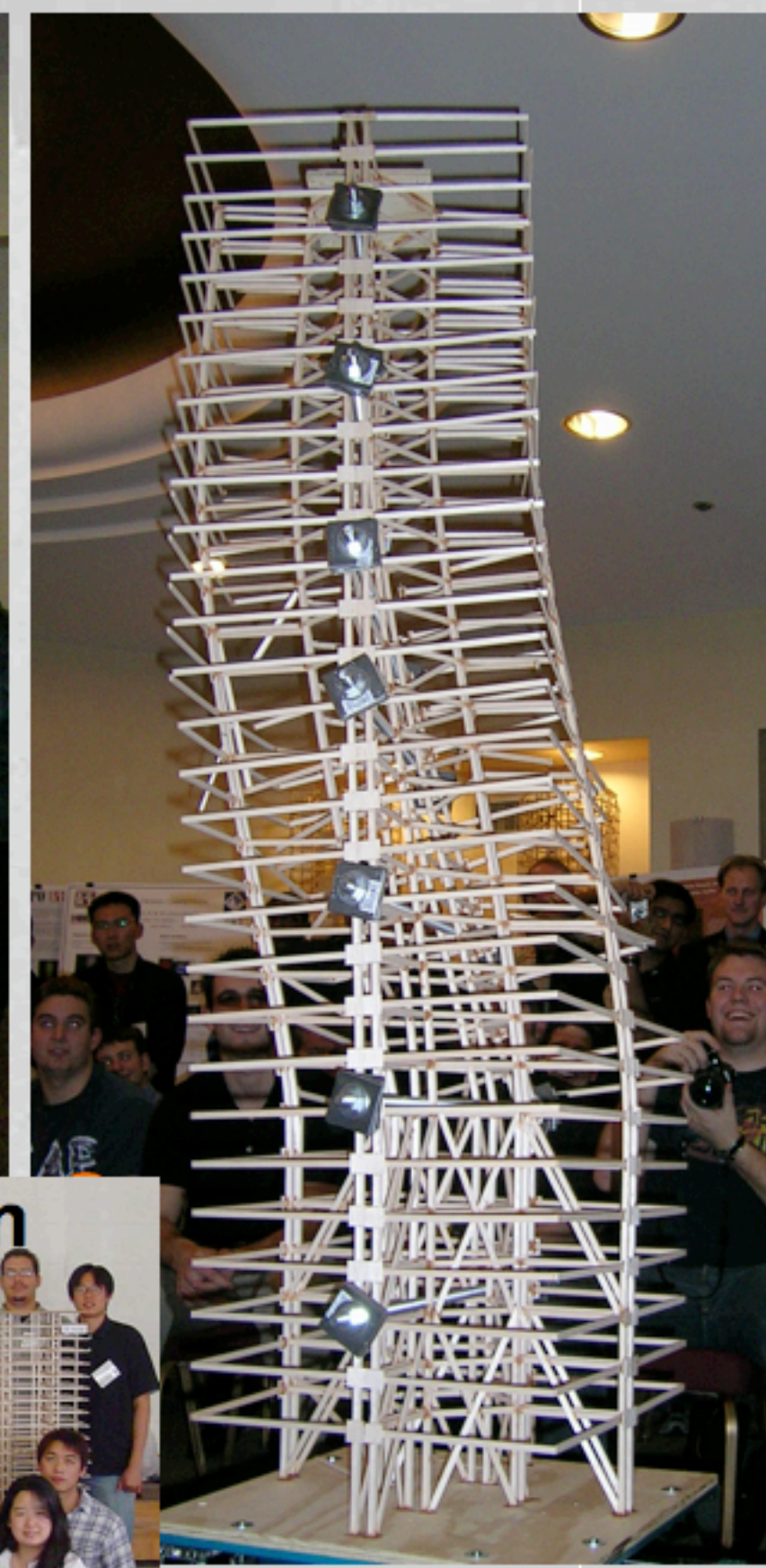


Undergraduate Seismic Design Competition

The competition lives on



Goal: Design and build a structure to maximize revenue...

Income

- Rentable space
- Bonuses from judging of poster, presentation and structural model (architecture & workmanship)

Construction costs

- Weight (cost of materials)
- Footprint (cost of land)

Seismic costs

- Absolute roof displacement (structural damage)
- Roof acceleration (equipment damage)

Competition History

Year	Number of Teams	Champions
2004	5 teams	UC Irvine
2005	6 teams	UC Davis
2006	8 teams	U Washington
2007	14 teams	Oregon State Univ.
2008	See it at the EERI Annual meeting, New Orleans, LA	



The Pacific Earthquake Engineering Research Center
 headquarters at the University of California, Berkeley
 for more information see <http://peer.berkeley.edu>

