

Challenges and Innovation in Civil and Environmental Engineering

Skyscraper Design – Trump Tower Chicago

The Trump International Hotel & Tower, replacing the Sun-Times Building in the heart of downtown Chicago, will be the tallest building project in the United States since the Sears Tower was completed in 1974. The 1360 foot tall residential tower (designed by Skidmore, Owings, & Merrill LLP) will include 2.6 million square feet of floor space on its 92 levels. The structure, currently under construction, is a high strength concrete core/outrigger system. The presentation will discuss conceptual and preliminary design of tall buildings and then focus on the Trump Tower, touching on issues such as wind tunnel testing, creep/shrinkage considerations, and sequential analysis.

Presented by:

Jeremy Kirk, PE, SE
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Chicago, IL



Thursday, March 13, 2008
6:00pm – 7:15pm
DeBartolo 138

Tea, coffee, pastries and an opportunity to meet the speaker will take place at 5:30pm in the CE/GEOS office-conference room, Fitzpatrick 156