



The *Art* of Structural Engineering:
Creating Lasting Icons for a City and Its People

Three of a Three Part Series



Burj Dubai – Engineering the Dubai Tower

Bradley S. Young, MSCE, PE
Engineer, Structures Group
Skidmore Owings and Merrill LLP
Chicago, IL

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ABSTRACT

Currently under design, and with construction commencing, the Burj Dubai Tower is slated to become the world's tallest structure, and a landmark centerpiece for the Emirate of Dubai. Reaching unprecedented heights requires an efficient structural system that can withstand extreme environmental loads, as well as accommodate the complexities of the architectural program. This seminar will introduce Burj Dubai and discuss its Structural System, Strategies to "Engineer" the Wind, Special Design Aspects, and finally Construction Methods & Progress.

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