

Fall 2010 Seminar Series



CHALLENGES AND INNOVATION IN CIVIL AND ENVIRONMENTAL ENGINEERING

**Five Decades of Tall Building
Design: Historical and Engineering
Perspectives
From Fazlur Kahn's Era to Present**

**Joseph Colaco, NAE
President, CBM Engineers Inc.
Thursday, September 9, 2010
138 DeBartolo Hall, 3:30pm**



Dr. Colaco has been involved in major projects starting with the 100 story John Hancock Centre, Chicago in 1965 to the Burj Khalifa in Dubai in 2005. Along the way he worked on the 50 story One Shell Plaza in Houston (the tallest concrete building in the world at the time), and the 75 story Texas Commerce Tower in Houston (the tallest composite building in the USA). He will describe research efforts in the usefulness of curvi-linear buildings and work on a Mile High Building.



Joseph Phillip Colaco is among the leading specialists in tall building structures worldwide. He has made notable contributions to the advancement of the design and construction practice of structural engineering as it applies to tall buildings. He received his B.S./Civil Engineering from the University of Bombay, his M.S./Civil Engineering from the University of Illinois and his Ph.D./Civil Engineering from the University of Illinois. He began his career in 1965 with the consulting firm of Skidmore, Owings & Merrill in Chicago, where he worked on the 100-story steel John Hancock Building in Chicago and the 50-story reinforced concrete One Shell Plaza in Houston, Texas. Since 1975, Colaco has been the president of CBM Engineers, Inc., in Houston, Texas. He has done the conceptual design of 50 major building projects. Colaco is a member of the National Academy of Engineers, American Society of Civil Engineers (ASCE), and the American Concrete Institute. He is a Fellow of the Institute of Structural Engineers,

U.K., and a Fellow of the American Society of Civil Engineers. Dr. Colaco is currently a Professor teaching at the University of Houston, College of Architecture.



A reception and an opportunity to meet the speaker will take place at 3:00pm in Fitzpatrick 156