

Raymond A. Bowers Program Distinguished Lecture Series



Keynote Speaker: **Mr. Luke Leung**
Director
Skidmore Owings & Merrill LLP
Chicago, IL

Title: “Master Integrators – A New Role in a New World
for Architects/Engineers”

Place: Nittany Lion Inn—Ballroom AB
Date: Thursday, May 1, 2014

Time: 6:00 p.m.—Refreshments
6:30 p.m.—Lecture

All faculty, staff and students are welcome to attend.

Department of
Architectural Engineering
104 Engineering Unit A
University Park, PA 16802



Sponsored by the Penn State Architectural Engineering
Department and The Raymond A. Bowers Program for
Excellence in Design and Construction
of the Built Environment

Mr. Luke Leung

Director

Skidmore, Owings & Merrill, LLP



Luke Leung is the Director of the Sustainable Engineering Studio for Skidmore, Owings and Merrill LLP. His work included several tallest buildings in the world, Nanjing Greenland Tower, Burj Khalifa and Jin Mao. The ranges of his work includes district scale integration with Chicago Lakeside, the LG Art Hall, one of the first displacement performing arts centers in the world, to the Burj Khalifa, the world's tallest man-made structure. Luke also developed "Sky Sourced Sustainability", how to use the sky to make tall buildings more sustainable. Selected projects also include Qingdao Greentown with building integrated vertical wind turbines and sewer heat for heating and cooling, Beijing Finance Street (multiple buildings), Embassy of Ottawa, McCormick Place West Convention Center in Chicago, a confidential geothermal project involving 2,400 acres and a LEED Platinum building with the first large scale horizontal wind turbine in the city of Chicago.

Luke is actively involved with numerous professional organizations. He is a Centennial Fellow from The Pennsylvania State University Architectural Engineering Department; a LEED Fellow, five times recipient of the "Excellence in Engineering" award from the American Society of Heating, Refrigeration and Air Conditioning Engineers (ASHRAE) Illinois Chapter; 2 times ASHRAE Regional Technology Award, the inaugural Architectural Engineering Vice Chairman of the ASHRAE Committee on "Tall Buildings"; Chairman of the Building Pressure Committee, Chicago Committee on High Rise Buildings, member of AIA Large Firm Roundtable Sustainable Committee, member of Sustainable Committee with Council on Tall Buildings and Urban Habitat (CTBUH), a Part Time Professor at Illinois Institute of Technology and a member of the Chicago Sister Cities Program for the City of Chicago. He was also on the editorial board for "Natural Ventilation for High-Rise Office Buildings" and currently writing "Metrics, Monitoring, Modeling and Measurements in Tall Buildings" for CTBUH, amount other publications.