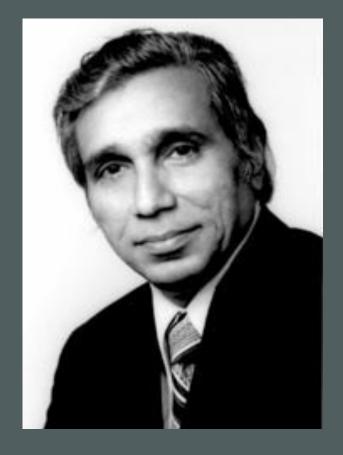
The Fazlur Rahman Khan Distinguished Lecture Series

Honoring a legacy in structural engineering and architecture

http://www.lehigh.edu/frkseries

2017



Fazlur Rahman Khan

1929 - 1982

Fazlur Rahman Khan ushered in a renaissance in skyscraper construction during the second half of the 20th century. Khan was a pragmatic visionary: the series of progressive ideas that he brought forth for efficient high-rise construction in the 1960s and 1970s were validated in his own work, notably his efficient designs for Chicago's 100-story John Hancock Center and 110-story Sears Tower (the tallest building in the United States since its completion in 1974).

His characteristic statement to an editor in 1971, having just been selected Construction's Man of the Year by Engineering News Record, is commemorated on a plaque in Onterie Center, Chicago: "The technical man must not be lost in his own technology. He must be able to appreciate life; and life is art, drama, music, and most importantly, people."

Lynn S. Beedle

1917 - 2003

In July 1947, Lynn joined Lehigh University as Research Instructor and rose to Full Professor in 10 years. In recognition of his professional and research achievements, he was appointed to a University Distinguished Professorship in 1978.

Following the premature death of Fazlur Khan in 1982, Beedle organized the establishment at Lehigh University of the Fazlur Rahman Khan Endowed Chair.



2017 SPEAKERS

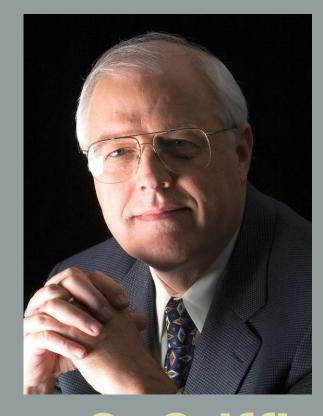


Eugen Brühwiler

Professor and Dr. Structural Engineer Swiss Federal Institute of Technology Lausanne, Switzerland

Getting More Out of Existing **Bridges**

February 17, 2017



Lawrence G. Griffis

Senior Principal/Senior Consultant Walter P. Moore and Associates, Inc. Austin, TX

Design and Construction of **Cowboys Stadium** March 31, 2017



Peter A. Weismantle

Director of Supertall Building Technology Adrian Smith + Gordon Gill Architecture Chicago, IL

Architectural Technical Design of the New Generation of Supertall Buildings

April 21, 2017

Ronald O. Hamburger Senior Principal Simpson Gumpertz & Heger, Inc. San Francisco, CA Performance-based Design: What, How, When, Why, and Why Not to Use It

March 4, 2016



John Zils Senior Structural Consultant Skidmore Owings & Merrill, LLP Chicago, IL Lessons Learned

SPEAKERS - 2016

April 15, 2016



Jin-Guang Teng Chair Professor of Structural Engineering The Hong Kong Polytechnic University Hong Kong, China Structural Use of FRP Composites in Construction: Past Achievements and **Future Opportunities**

April 22, 2016



William Pedersen Founding Design Partner Kohn Pedersen Fox Associates New York, NY Balancing

February 20, 2015



Glenn R. Bell Chief Executive Officer Simpson Gumpertz & Heger Waltham, MA Structural Engineering at Mid-21st Century: Reengineering Our Roles March 20, 2015

SPEAKERS - 2015

SPEAKERS - 2014



Peter Marti Professor of Structural Engineering ETH Zurich Zurich. Switzerland Science and Art of Structural Engineering April 17, 2015



James R. Harris Principal J.R. Harris & Company Denver, CO The Evolution of Building Design to Resist Earthquakes

February 15, 2014



Senior Principal Magnusson Klemencic Associates Seattle, WA Structure Becoming Architecture: Case Studies of Aesthetics, Form and

Efficiency March 22, 2014



Charles H. Thornton & Company, LLC New York, NY Renaissance, Rebirth and Disruptive

April 19, 2014



R. Shankar Nair Senior Vice President exp US Services Inc. Chicago, IL The Evolution of the Skyscraper

February 15, 2013



SPEAKERS - 2013 John M. Kulicki

SPEAKERS - 2012

SPEAKERS - 2011

Chairman/CEO Modjeski and Masters Inc. Mechanicsburg, PA Observations on AASHTO Bridge Design

March 22, 2013



Research Professor University of California Irvine, CA

Alfredo H-S. Ang

Minimizing the Effects of Uncertainties in Developing Reliability-Based Design Criteria April 19, 2013



Ross B. Corotis Denver Business Challenge Professor of Engineering, University of Colorado at Boulder Boulder, CO

Natural Hazard Risk: Public Perceptions & Political Perversities February 17, 2012

Sharon L. Wood Robert L. Parker, Sr. Professor in Engineering and Chair, Department of Civil, Architectural, and Environmental Engineering, University of Texas at Austin, Austin, TX Opportunities and Challenges for

Infrastructure Monitoring March 23, 2012



Ted V. Galambos Professor Emeritus, Structural Engineering, University of Minnesota Minneapolis, MN

The Safety of Bridges

April 20, 2012



David Scott Arup, Americas Building **Practice Leader** New York, NY Extreme Engineering

February 18, 2011



Chris D. Poland Degenkolb Engineers Chairman & CEO San Francisco, CA **Building Disaster Resilient Communities**

April 8, 2011



David Billington Princeton University Gordon Y.S. Wu Professor of Engineering, Emeritus, Princeton, NJ Personal and Professional Recollections of Fazlur Khan September 9, 2011



Masayoshi Nakashima Kyoto University, Disaster Prevention Research Institute Kyoto, Japan Safeguarding Quality of Life: The Role of Large-Scale Testing September 23, 2011



Zdeněk P. Bažant McCormick Institute & Walter P. Murphy Professor Northwestern University, Evanston, IL Progress Engendered by Collapses of Record Setting Structures: Malpasset Dam, World Trade Center Towers and KB Bridge in Palau February 26, 2010

Ron Klemencic Magnusson Klemencic Associates Seattle, WA **OUTRAGEOUS!**

SPEAKERS - 2009

SPEAKERS - 2010

March 19, 2010



John E. Breen Professor/Nasser I. Al-Rashid Chair in Civil Engineering The University of Texas Austin, TX

The ABCD's of Bridge Building: Affordable, Beautiful, Constructible, Durable

April 16, 2010



Leslie E. Robertson Leslie E. Robertson Associates, R.L.L.P. New York, NY

The Architect and the Structural Engineer - Partners in Design

William F. Baker Skidmore, Owings & Merrill Chicago & London Engineering the World's Tallest: Burj Dubai March 20, 2009

Bruce R. Ellingwood Distinguished Professor & Raymond Allen Jones Chair Georgia Institute of Technology Atlanta, GA Abnormal Loads & Progressive Collapse - Assessment & Mitigation of Risk



Richard Tomasetti Thornton Tomasetti. Inc. New York, NY

Engineering of Major Architecture, Then and Now

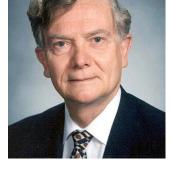
February 15, 2008



Jeremy Isenberg Past-President and CEO Weidlinger Associates, Inc. New York. NY

SPEAKERS - 2008

Structural Design for Security—Past Accomplishments and Future Directions March 14, 2008



John W. Fisher Professor Emeritus of Civil Engineering Bethlehem, PA

Overcoming Barriers to Durable Steel **Bridge Systems**

April 18, 2008



Mark Sarkisian Skidmore, Owings & Merrill San Francisco, CA Khan's Vision

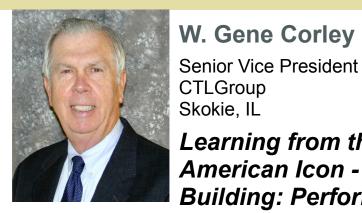
February 9, 2007



SPEAKERS - 2007

Man-Chung Tang Chairman of the Board T.Y. Lin International San Francisco, CA Why? Why Not? What If?

March 16, 2007



Senior Vice President CTLGroup Skokie, IL Learning from the Attacks on an American Icon - World Trade Center **Building: Performance Study** April 20, 2007