

The Fazlur Rahman Khan

Distinguished Lecture Series 2007 - 2014

Honoring a Legacy in Structural Engineering and Architecture

<http://www.lehigh.edu/frkseries>



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.



Khan Distinguished Lecture Series Speakers - 2014



James R. Harris

Principal
J. R. Harris & Company
Denver, CO

The Evolution of Building Design to Resist Earthquakes

February 21, 2014



Jon D. Magnusson

Senior Principal
Magnusson Klemencic Associates
Seattle, WA

Structure Becoming Architecture: Case Studies of Aesthetics, Form and Efficiency

March 21, 2014



Charles H. Thornton

Chairman
Charles H. Thornton & Company, LLC
New York, NY

Renaissance, Rebirth and Disruptive Innovation

April 11, 2014

Khan Distinguished Lecture Series Speakers - 2013



R. Shankar Nair

Senior Vice President
exp US Services Inc., and Past Chairman CTBUH
Chicago, IL

The Evolution of the Skyscraper

February 15, 2013



John M. Kulicki

Chairman/CEO
Modjeski and Masters Inc.
Mechanicsburg, PA

Observations on AASHTO Bridge Design

March 22, 2013



Alfredo H-S. Ang

Research Professor
University of California
Irvine, CA

Minimizing the Effects of Uncertainties in Developing Reliability-Based Design Criteria

April 19, 2013

Khan Distinguished Lecture Series Speakers - 2012



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

Khan Distinguished Lecture Series Speakers - 2011



David Scott

Arup, Americas Building - Practice
Leader CTBUH - Past Chairman
New York, NY

Extreme Engineering

February 18, 2011



Chris D. Poland

Degenkolb Engineers - Structural Engineer &
Senior Principal, 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

Khan Distinguished Lecture Series Speakers - 2010



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

President,
Magnusson Klemencic Associates
Seattle, WA

OUTRAGEOUS!

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

Khan Distinguished Lecture Series Speakers - 2009



Leslie E. Robertson

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

The Architect and the Structural Engineer – Partners in Design

February 20, 2009



William F. Baker

Partner
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

April 17, 2009

Khan Distinguished Lecture Series Speakers - 2008



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

Structural Design for Security—Past Accomplishments and Future Directions

March 14, 2008



John W. Fisher

Professor Emeritus of Civil Engineering
Lehigh University
Bethlehem, PA

Overcoming Barriers to Durable Steel Bridge Systems

April 18, 2008

Khan Distinguished Lecture Series Speakers - 2007



Mark Sarkisian

Partner
Skidmore, Owings & Merrill
San Francisco, CA

Khan's Vision

February 9, 2007



Man-Chung Tang

Chairman of the Board
T.Y. Lin International
San Francisco, CA

Why? Why Not? What If?

March 16, 2007



W. Gene Corley

Senior Vice President
CTL Group
Skokie, IL

Learning from the Attacks on and American Icon - World Trade Center Building: Performance Study

April 20, 2007

Fazlur Rahman Khan Endowed Chair of Structural Engineering and Architecture <http://www.lehigh.edu/~dmf206>

Lehigh University endowed a chair in structural engineering and architecture in Khan's honor and in August 2006 appointed Professor **Dan M. Frangopol**, an expert in structural reliability, optimization, civil infrastructure systems, and life-cycle engineering, as the university's first holder of the Fazlur Rahman Khan Endowed Chair of Structural Engineering and Architecture. **Dr. Frangopol** is the initiator and organizer of the Fazlur Rahman Khan Distinguished Lecture Series.