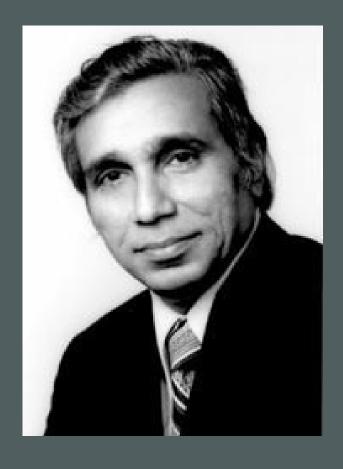
The Fazlur Rahman Khan Distinguished Lecture Series

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."

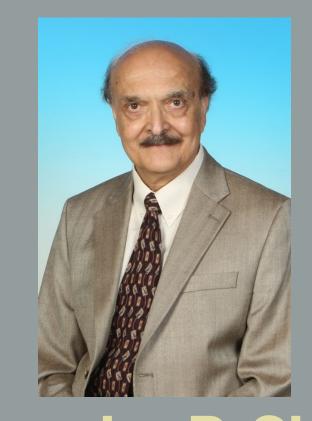
Lynn S. Beedle 1917 - 2003

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.



2018 SPEAKERS



Surendra P. Shah

Walter P. Murphy Professor of Civil **Engineering (Emeritus)** Northwestern University Evanston, IL

Sustainability in Concrete Construction Based on Nanotechnology

February 23, 2018



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

SPEAKERS - 2016

SPEAKERS - 2017

March 31, 2017



Peter A. Weismantle Director of Supertall Building Technology Adrian Smith + Gordon Gill Architecture

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

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



SPEAKERS - 2015 Glenn R. Bell

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



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



Jon D. Magnusson Senior Principal Magnusson Klemencic Associates

SPEAKERS - 2014

Structure Becoming Architecture: Case Studies of Aesthetics, Form and **Efficiency** March 22, 2014



Charles H. Thorton Chairman

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

April 19, 2014



Robert Sinn

Principal Thornton Tomasetti Chicago, IL

From Bilbao to Jeddah: An **Engineer's Journey** March 23, 2018





Yozo Fujino

Distinguished Professor Institute of Advanced Sciences Yokohama National University

Lessons Learned from 30 Years of Experience in Dynamics, Monitoring and Control of Bridges

April 13, 2018



R. Shankar Nair Senior Vice President exp US Services Inc. Chicago, IL

The Evolution of the Skyscraper

Denver Business Challenge Professor of Engineering,

Natural Hazard Risk: Public Perceptions

February 15, 2013

Ross B. Corotis

Boulder, CO

February 17, 2012

University of Colorado at Boulder

& Political Perversities



SPEAKERS - 2013

SPEAKERS - 2012

University of Texas at Austin, Austin, TX

Infrastructure Monitoring

Opportunities and Challenges for

Department of Civil, Architectural, and Environmental

John M. Kulicki Chairman/CEO Modjeski and Masters Inc. Mechanicsburg, PA

March 22, 2013

March 23, 2012

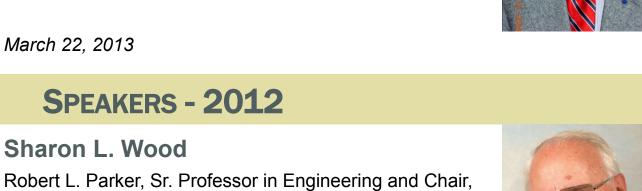
Sharon L. Wood



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



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

Zdeněk P. Bažant

KB Bridge in Palau

Leslie E. Robertson

Leslie E. Robertson Associates, R.L.L.P.

The Architect and the Structural

Engineer - Partners in Design

February 26, 2010

New York, NY

McCormick Institute & Walter P. Murphy Professor

Progress Engendered by Collapses of

Record Setting Structures: Malpasset

Dam, World Trade Center Towers and

Northwestern University, Evanston, IL



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



John E. Breen

Austin, TX

Durable

April 16, 2010

Bridge Systems

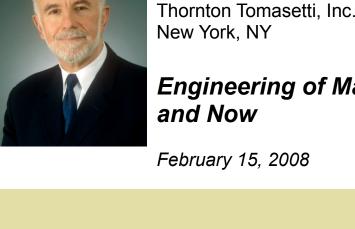
April 18, 2008

The University of Texas

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



Yokohama, Japan



February 20, 2009

Richard Tomasetti

Engineering of Major Architecture, Then and Now

February 15, 2008

Mark Sarkisian

San Francisco, CA

Khan's Vision

February 9, 2007

Skidmore, Owings & Merrill

Partner

SPEAKERS - 2010 Ron Klemencic

Magnusson Klemencic Associates

March 19, 2010

OUTRAGEOUS!

President

Dubai

Seattle, WA



Chicago & London

Jeremy Isenberg

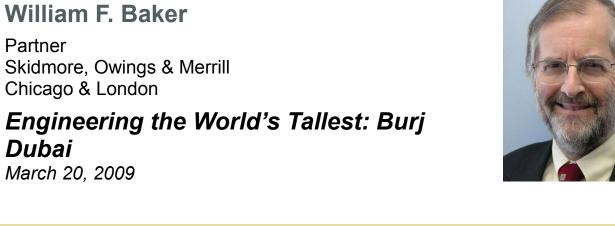
Past-President and CEO

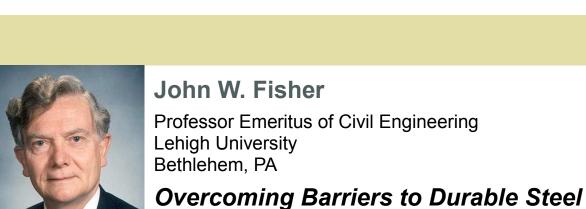
New York, NY

March 14, 2008

Weidlinger Associates, Inc.

SPEAKERS - 2008





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

- Assessment & Mitigation of Risk

Professor/Nasser I. Al-Rashid Chair in Civil Engineering

The ABCD's of Bridge Building:

Affordable, Beautiful, Constructible,



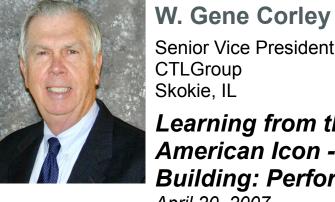
SPEAKERS - 2007 Man-Chung Tang

San Francisco, CA Why? Why Not? What If?

Chairman of the Board

T.Y. Lin International

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

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