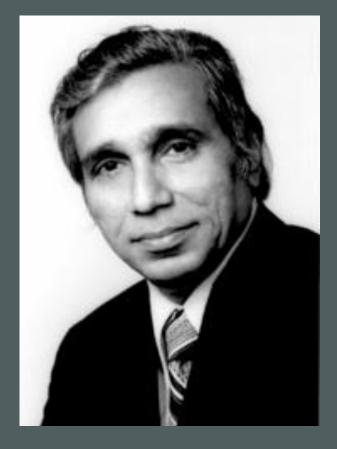
The Fazlur Rahman Khan Distinguished Lecture Series

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.



2020 SPEAKERS



Principal Pickard Chilton

Gracing the Sky, Enriching the City February 28, 2020



Kishor Mehta P. W. Horn Professor of Civil Engineering Texas Tech University **Evolution of Assessment of Wind** Speeds in Tornadoes

February 22, 2019

Surendra P. Shah



Predident

SPEAKERS - 2019

See Robertson Structural Engineers, LLC New York, NY Some Long-Span and Some Tall Buildings

SPEAKERS - 2018

March 29, 2019



Karl H. Frank Consultant and Professor Emeritus University of Texas at Austin The Role of Quality Control in Some Notable Bridge Problems

April 12, 2019



Jon Pickard

New Haven, CT



Sustainability in Concrete Construction Based on Nanotechnology February 23, 2018 Eugen Brühwiler

Walter P. Murphy Professor of Civil Engineering

Northwestern University, Evanston, IL

Professor and Dr. Structural Engineer

Swiss Federal Institute of Technology

February 17, 2017

Lausanne. Switzerland



Principal Thornton Tomasetti Chicago, IL From Bilbao to Jeddah: An Engineer's Journey

SPEAKERS - 2017

March 23, 2018

Lawrence G. Griffis

Cowboys Stadium

March 31, 2017

Senior Principal/Senior Consultant

Walter P. Moore and Associates, Inc.

Design and Construction of

SPEAKERS - 2016

SPEAKERS - 2015



Distinguished Professor Institute of Advanced Sciences, Yokohama National University — Yokohama, Japan Lessons Learned from 30 Years of Experience in Dynamics, Monitoring and Control of Bridges April 13, 2018

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

Peter Marti

April 17, 2015

Chairman

New York, NY

Innovation

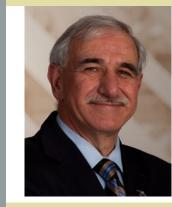
Zurich, Switzerland

Professor of Structural Engineering

Charles H. Thornton

Charles H. Thornton & Company, LLC

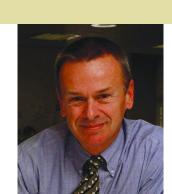
Renaissance, Rebirth and Disruptive



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

Getting More Out of Existing Bridges

March 4, 2016



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



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

Science and Art of Structural Engineering



Aftab A. Mufti

Emeritus Professor University of Manitoba Winnipeg, Manitoba, Canada Intelligent Sensing for Innovative Structures: Development of the New Discipline of Civionics

October 22, 2020 (Virtual Event)



Gregory Deierlein

School of Engineering Stanford University Stanford, CA From Performance-Based **Engineering to Urban Resilience**

November 19, 2020 (Virtual Event)



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

ebruary 20, 2015

James R. Harris

J.R. Harris & Company

R. Shankar Nair

Senior Vice President

exp US Services Inc.

February 15, 2013

February 18, 2011

Zdeněk P. Bažant

February 26, 2010

Earthquakes

Principal



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

SPEAKERS - 2014 Jon D. Magnusson

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



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

SPEAKERS - 2012

Opportunities and Challenges for

SPEAKERS - 2010

Ron Klemencic

OUTRAGEOUS!

Seattle, WA

Magnusson Klemencic Associates

Infrastructure Monitoring

March 22, 2013

March 23, 2012

Sharon L. Wood



Alfredo H-S. Ang Research Professor University of California

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

Professor Emeritus, Structural Engineering University of Minnesota



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

The Evolution of the Skyscraper

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

The Evolution of Building Design to Resist

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

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

April 8, 2011



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

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



John E. Breen

April 16, 2010

The University of Texas

Bruce R. Ellingwood

Ted V. Galambos

The Safety of Bridges

Minneapolis, MN

April 20, 2012

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

September 23, 2011

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

Beautiful, Constructible, Durable

The ABCD's of Bridge Building: Affordable,



John A. Blume Professor



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

McCormick Institute & Walter P. Murphy Professor Northwestern University, Evanston, IL

Progress Engendered by Collapses of Record

Trade Center Towers and KB Bridge in Palau

Setting Structures: Malpasset Dam, World

The Architect and the Structural Engineer -Partners in Design February 20, 2009

Engineering of Major Architecture, Then and



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

March 20, 2009 SPEAKERS - 2008 Jeremy Isenberg Past-President and CEO

Structural Design for Security—Past

Accomplishments and Future Directions

Distinguished Professor & Raymond Allen Jones Chair Georgia Institute of Technology Abnormal Loads & Progressive Collapse – Assessment & Mitigation of Risk

Overcoming Barriers to Durable Steel Bridge Systems

John W. Fisher Professor Emeritus of Civil Engineering Lehigh University

April 18, 2008



Mark Sarkisian Skidmore, Owings & Merrill San Francisco, CA Khan's Vision February 9, 2007

February 15, 2008



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

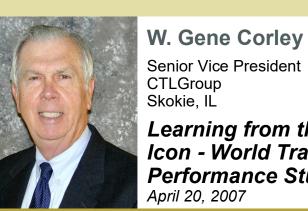
SPEAKERS - 2007

Weidlinger Associates, Inc.

New York, NY

March 14, 2008

March 16, 2007



Senior Vice President CTLGroup Skokie, IL

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