

BEYER DISTINGUISHED LECTURE SERIES

SPRING
2025

CULLEN COLLEGE OF ENGINEERING,
DEPARTMENT OF CIVIL AND ENVIRONMENTAL ENGINEERING



2:30-4:00 P.M., ROOM #: **CBB108**

SEMINARS ARE FREE TO THE PUBLIC.

You may also watch seminars live-streamed via Zoom.

For Zoom links and other updates, please visit:

<https://www.cive.uh.edu/research/seminars>

 UNIVERSITY OF
HOUSTON

SEMINAR SPEAKERS

Jan 17, 2025

Online Only

Not All Concrete is the Same: Low Embodied Carbon Dry-Cast Concrete Masonry

Nick Lang

VP Engineering & Advocacy, Masonry
Concrete Masonry and Hardscapes Association (CMHA)

Jan 24, 2025

Effects of Pore Fluid Pressure on Extension and Extension-Shear Mixed-Mode Fracture in Berea Sandstone and Carrara Marble

Dr. Hiroko Kitajima

Associate Professor and Texas A&M Presidential Impact Fellow
Francesco Paolo di Gangi/Heep Endowed Professorship in Theoretical Geophysics
Department of Geology and Geophysics, *Texas A&M University*

Jan 31, 2025

Engineering Now: Are We Ready?

Dr. Franz-Josef Ulm

Class of 1922 Professor of Civil and Environmental Engineering
Faculty Director, Concrete Sustainability Hub
Massachusetts Institute of Technology

Feb 7, 2025

Is Bangladesh Doomed to Drown? Sea Level Rise versus Dynamics of the World's Largest Delta

Dr. Michael Steckler

Lamont Research Professor, Lamont-Doherty Earth Observatory
Columbia University

Feb 14, 2025

Back to Basics: Coagulation for Water Treatment

Dr. Shankar Chellam

A.P. & Florence Wiley Professor III, Civil and Environmental Engineering
Texas A&M University

Feb 21, 2025

AI and the Future of Higher Education

Dr. Jeff Morgan

Professor, Department of Mathematics
Associate Provost for Education Innovation and Technology
University of Houston

Feb 28, 2025

Energy Storage Material Characterization and Synthesis

Dr. Xiaonan Shan

Associate Professor, Department of Electrical and Computer Engineering
University of Houston

Mar 7, 2025

Probabilistic Digital Twins for System Diagnosis, Prognosis, and Decision-Making

Dr. Sankaran Mahadevan

John R. Murray Sr. Professor of Engineering
Professor of Civil and Environmental Engineering
Vanderbilt University

***** EACH LECTURE WILL COUNT FOR ONE HOUR OF CONTINUING EDUCATION CREDIT TOWARDS LICENSURE.**

SEMINAR SPEAKERS

Mar 21, 2025

Fate of Organic Pollutants and Pathogens in Electrochemically Treated Wastewater Solids

Dr. Kayleigh Millerick

Associate Professor, Department of Civil, Environmental, & Construction Engineering
Texas Tech University

Mar 28, 2025

A Universal Scaling Law for Gas Transfer Velocities across Complex Interfaces

Dr. Gabriel G. Katul

George Pearsall Distinguished Professor, Civil and Environmental Engineering
Duke University

Apr 4, 2025

Self-Healing Materials and Electrochemical Fouling Control: Managing Tradeoffs in Environmental Applications

Dr. Bezawit Getachew

Assistant Professor, Department of Civil and Environmental Engineering
Rice University

Apr 11, 2025

Advances in Autonomous Materials and Structures

Dr. Qianyun (Gloria) Zhang

Assistant Professor, Department of Civil Engineering
New Mexico State University

Apr 18, 2025

Designing Human-Centered Disaster Impact Information

Dr. Sabine Loos

Assistant Professor, Department of Civil and Environmental Engineering
University of Michigan

Apr 25, 2025

An Overview of Environmental Applications and Implications of Nanomaterials in Agriculture

Dr. Illya Medina Velo

Assistant Professor, Department of Chemistry
Houston Christian University

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CONTACT INFORMATION



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