

BEYER DISTINGUISHED LECTURE SERIES

FALL
2024

CULLEN COLLEGE OF ENGINEERING,
DEPARTMENT OF CIVIL AND ENVIRONMENTAL ENGINEERING



2:30-4:00 P.M., ROOM #:CBB104

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>

UH UNIVERSITY OF
HOUSTON

SEMINAR SPEAKERS

Aug 30, 2024

Monitoring and Managing the Wastewater Microbiome to Protect Human and Environmental Health

Dr. Lauren Stadler

Associate Professor, Civil & Environmental Engineering
Rice University

Sept 6, 2024

Impact and Vibration Control – The Design of Pounding Tuned Mass Damper (PTMD) and Applications

Dr. Gangbing Song

John and Rebecca Moores Professor, Mechanical Engineering
Director, Smart Materials and Structures Laboratory
University of Houston

Sept 13, 2024

Representative Sample Size for Estimating Saturated Hydraulic Conductivity via Machine Learning

Dr. Behzad Ghanbarian

Associate Professor, Earth and Environmental Sciences
The University of Texas at Arlington

Sept 20, 2024

High-Temperature Carbon Fibers Ablation in 4D

Dr. Francesco Panerai

Assistant Professor, Aerospace Engineering
University of Illinois at Urbana-Champaign

Sept 27, 2024

Hurricane Research - From Storm Surge Field Surveys of Katrina, Nargis, and Haiyan to Large-Scale Laboratory Experiments

Dr. Hermann Fritz

Professor, School of Civil and Environmental Engineering
Georgia Institute of Technology

Oct 4, 2024

The Nexus of Machine Learning, Physics-based Modeling, and Uncertainty Quantification

Dr. Michael Shields

Associate Professor, Civil and Systems Engineering
Johns Hopkins University

Oct 11, 2024

Intellectual On-site Construction Management in a Connected Environment

Dr. Kinam Kim

Assistant Professor, Construction Management
University of Houston

SEMINAR SPEAKERS

Oct 18, 2024

ROCKWELL LECTURE

Elevating the Performance of the Built Environment through Cyberphysical Systems

Dr. Jerome Lynch

Vinik Dean of the Pratt School of Engineering
Professor, Civil & Environmental Engineering
Professor, Electrical and Computer Engineering
Duke University

Oct 25, 2024

Physics-Informed Machine Learning for Physics-Based Data-Driven Design and Manufacturing

Dr. Yan Wang

Professor, School of Mechanical Engineering
Georgia Institute of Technology

Nov 1, 2024

Nondestructive Evaluation Methods for Evaluating Existing Masonry Construction

Mr. Michael Schuller

President, Atkinson-Noland & Associates

Nov 8, 2024

Observations of Opening, Mixed, and Sliding Modes of Brittle Fracture

Dr. Joseph Labuz

Professor, Civil, Environmental, and Geo-Engineering
University of Minnesota

Nov 15, 2024

The Potential of Using Micro and Macroalgae to Sequester Carbon Dioxide and Produce Useful Bioproducts

Dr. Venkatesh Balan

Associate Professor, Department of Engineering Technology
University of Houston

Nov 22, 2024

TBD

Dr. Joseph Powell

Professor, William A. Brookshire Department of Chemical and Biomolecular Engineering
Aspire Endowed Executive Director & Shell Endowed Chair for Energy Transition
University of Houston

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

CONTACT INFORMATION

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