

# BEYER DISTINGUISHED LECTURE SERIES

SPRING  
2024

CULLEN COLLEGE OF ENGINEERING,  
DEPARTMENT OF CIVIL AND ENVIRONMENTAL ENGINEERING



**2:30 - 4:00 P.M., ROOM #: S105**  
**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>

# SEMINAR SPEAKERS

**Jan 19, 2024**

**Enabling Polyolefin Circularity Through Upcycling and Compatibilization of Plastic Waste**

**Professor Megan Robertson**

Cullen College of Engineering Professor

William A. Brookshire Department of Chemical and Biomolecular Engineering

*University of Houston*

**Jan 26, 2024**

**Creating a New Circular Carbon Economy via Carbon Capture, Utilization and Storage**

**Professor Ah-Hyung “Alissa” Park**

Ronald and Valerie Sugar Dean of the UCLA Samueli School of Engineering

Professor of Chemical and Biomolecular Engineering

*University of California Los Angeles*

**Feb 2, 2024**

**Development of Acoustic Telemetry and Autonomous Sensing Technologies to Support the Design and Operations of Environmentally Friendly Renewable Energy Systems**

**Dr. Daniel Deng**

Laboratory Fellow, Energy & Environment Directorate

*Pacific Northwest National Laboratory*

**Feb 9, 2024**

**Hydrogen Value Chain**

**Professor Christine Ehlig-Economides**

Professor and Hugh Roy and Lillie Cranz Cullen Distinguished University Chair

Department of Petroleum Engineering

*University of Houston*

**Feb 16, 2024**

**Global Water Resource Challenges Identified Using GRACE Satellites and Potential Solutions**

**Dr. Bridget Scanlon**

Senior Research Scientist, Bureau of Economic Geology

Jackson School of Geosciences

*The University of Texas at Austin*

**Feb 23, 2024**

**The Value of Distributed Sensing in Civil Engineering Infrastructure**

**Professor Kenichi Soga**

Donald H. McLaughlin Chair in Mineral Engineering and Chancellor’s Professor

Department of Civil & Environmental Engineering

*University of California, Berkeley*

**Mar 1, 2024**

**Rigidity and Failure in Granular Materials: From the Particle to the Bulk Scale**

**Professor Karen Daniels**

Distinguished Professor

Department of Physics

*North Carolina State University*

**Mar 8, 2024**

**How the Masonry Code Affects Design and Construction**

**John Chrysler**

Executive Director, Masonry Institute of America

Former Chair of TMS Main Committee

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

# SEMINAR SPEAKERS

**Mar 22, 2024**

**Where Do We Stand on Metamaterial-Based Seismic Design of Engineering Structures?**

**Professor Yi-Lung Mo**

Moore Professor  
Department of Civil and Environmental Engineering  
*University of Houston*

**Mar 29, 2024**

**To Be Announced**

**Professor Ana Barros**

Donald Biggar Willet Chair of Engineering and Department Head  
Department of Civil and Environmental Engineering  
*University of Illinois Urbana-Champaign*

**Apr 5, 2024**

**Paving the Way for Concrete's Greener Future: The Development of Multifunctional cementitious materials**

**Professor Franz-Josef Ulm**

Professor and Faculty Director of Concrete Sustainability Hub  
Department of Civil and Environmental Engineering  
*Massachusetts Institute of Technology*

**Apr 12, 2024**

**Organoarsenicals in Foods: Occurrence and Toxicological Effects of Chronic Exposure**

**Professor Amrika Deonarine**

Assistant Professor  
Department of Civil, Environmental, and Construction Engineering  
*Texas Tech University*

**Apr 19, 2024**

**Localization Limiter for Stochastic Simulations of Quasibrittle Fracture**

**Professor Jia-Liang Le**

James L. Record Professor & Associate Department Head  
Department of Civil, Environmental, and Geo- Engineering  
*University of Minnesota*

**Apr 26, 2024**

**Modeling Interface Interactions in Complex Structures and Materials**

**Professor Ghadir Haikal**

Associate Professor  
Department of Civil, Construction, and Environmental Engineering  
*North Carolina State University*

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## CONTACT INFORMATION



**Professor Roberto Ballarini**

Thomas and Laura Hsu Professor  
Department Chair  
Department of Civil and Environmental Engineering  
University of Houston  
E-mail: [rballari@uh.edu](mailto:rballari@uh.edu)  
Phone: +1- 713-743-6466



**Professor Kalyana Nakshatrala**

Associate Professor and Associate Chair  
Chair of Beyer Distinguished Lecture Series  
Department of Civil and Environmental Engineering  
University of Houston  
E-mail: [knakshatrala@uh.edu](mailto:knakshatrala@uh.edu)  
Phone: +1-713-743-4418