MIT ChemE

Spring 2025 Seminars

Thursday, January 30, 2025 4:15pm, 66-110	**Andrew Hwang, University of California, Berkeley** Dioxygen Activation in Surface Catalysis
Thursday, February 6, 2025 4:15pm, 66-110	**Pamela Cai '16, University of Chicago** Biopolymer Physics in Health and Sustainability
Thursday, February 13, 2025 4:15pm, 66-110	**Kyra Yap, Stanford University** Designing Electrochemical Solar Fuels to Operate in Variable Conditions
Thursday, February 20, 2025 4:15pm, 66-110	**Fernando Temprano-Coleto, Princeton University** Surfactants, Colloids, and Electrolytes: Complex Fluids for Energy and the Environment
Monday, February 24, 2025 4:15pm, 66-110	**Rachel Yang, University of Michigan** Unravelling Structure-function Relationships Through Kinetic and Spectroscopic Assessments for Sustainable, Atom-efficient Chemical Processes
Friday, March 7, 2025 3:00pm, 66-110	**Benny Freeman, University of Texas, Austin** Ion Solubility, Diffusivity, and Transport in Charged Polymer Membranes
Friday, March 21, 2025 3:00pm, 66-110	**Lilo D. Pozzo, University of Washington** AI-Driven Experiments and Open-Source Automation for Accelerated Soft Matter Research
Friday, April 4, 2025 3:00pm, 66-110	**Ali Mesbah, University of California, Berkeley** A Multiscale Systems Approach to Atomic-Scale Low-Temperature Plasma Processes
Friday, April 11, 2025 3:00pm, 66-110	**Amy E. Herr, University of California, Berkeley** Design of Microanalytical Tools to Understand Single-cell Biology
Friday, April 18, 2025 3:00pm, 66-110	**Chibueze Amanchukwu PhD '17, University of Chicago** Innovating in – and Learning from – Battery Science to Address Challenges in Electrochemistry
Friday, April 25, 2025 3:00pm, 66-110	**Curtis Berlinguette, University of British Columbia** Reactive Carbon Capture
Friday, May 2, 2025 3:00pm, 66-110	**Alan S. Michaels Lecture** **Christina Smolke, Co-Founder & CEO, Antheia, Inc.**
Thursday, May 8, 2025 4:00pm, 66-110	**Warren K. Lewis Technical Lecture**
Friday, May 9, 2025 3:00pm, 66-110	**Warren K. Lewis Lecture** **Juan De Pablo, EVP for Global Science and Technology and Executive Dean, Tandon School of Engineering, New York University**