

The George and Dot Bishop Advanced Materials Colloquium Series

Spring 2025



January 23, 2025

200 Olin Hall

4 - 5 PM

Multiscale Simulations of Thermodynamics and Flow of Polymeric, Colloidal, and Surfactant Materials

Dr. Ronald G. Larson, George Granger Brown Prof of Chem Engineering;
University of Michigan, Ann Arbor, MI

February 6, 2025

200 Olin Hall

4 - 5 PM

Can Unknowns be Predicted?

Dr. Zi-Kui Liu , Dorothy Pate Enright Professor of Materials Science and Engineering
Director of the Phases Research Laboratory, Department of Materials Science and Engineering
The Pennsylvania State University, University Park, PA

February 27, 2025

200 Olin Hall

4 - 5 PM

From BIG-data to **HOT-Extreme Properties of High-Entropy Carbides, Carbo-Nitrides and Borides**

Dr. Stefano Curtarolo, Edmund T. Pratt Jr. School Distinguished Professor
of Mechanical Engineering and Materials Science
Thomas Lord Department of Mechanical Engineering and Materials Science
Duke University, Durham, NC

April 3, 2025

200 Olin Hall

4 - 5 PM

Fragmentation Concepts Explain Nanoplastic Formation and Temporal Persistence

Dr. Sanat K. Kumar
Michael Bykhovsky and Charo Gonzalez-Bykhovsky Professor of Chemical Engineering
Department of Chemical Engineering
Columbia University in the City of New York, NY

April 17, 2025

Watt Auditorium

4 - 5 PM

Glass for a Sustainable Future

Dr. John C. Mauro, Dorothy Pate Enright Professor of Materials Science and Engineering
Department of Materials Science and Engineering
The Pennsylvania State University, University Park, PA

*Currently planned to be in-person, 200 Olin Hall, 4 – 5 pm.

Any changes to the location will be provided no later than a week prior to the seminar.

<https://clemson.zoom.us/j/92234865576?pwd=02volHddATLrGoWavzFvg1GmCursWM.1>

presented by



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