

The George and Dot Bishop Advanced Materials



Colloquium Series

Spring 2023

February 2, 2023

200 Olin Hall
4 - 5 PM

Precise Microstructures in Functional Polymers Provide Morphology Control and Improved Transport Properties

Dr. Karen Winey, Harold Pender Professor of Engineering and Applied Science
University of Pennsylvania, Philadelphia, PA

March 2, 2023

200 Olin Hall
4 - 5 PM

Application of Droplet Microfluidics: From Materials to Biotech

Dr. David Weitz, Professor, Physics and Applied Physics
Harvard University, Boston, MA

April 6, 2023

200 Olin Hall
4 - 5 PM

Coupled Effects of Radiation, Corrosion, and Mechanical Stresses on Ceramics

Dr. Izabela Szlufarska, Harvey D. Spangler Professor of Engineering
Chair, Materials Science and Engineering Department
University of Wisconsin-Madison, Madison, WI

April 20, 2023

200 Olin Hall
4 - 5 PM

**Nanoengineered Tungsten Alloys for Fusion Reactors:
Radiation Effects and Pathways for Stabilization Through Grain Boundary Alloying**

Dr. Jason R. Trelewicz, Associate Professor
Department of Materials Science and Chemical Engineering
Institute for Advanced Computational Science
Stony Brook University, Stony Brook NY

*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.

presented by



Department of
**MATERIALS SCIENCE
AND ENGINEERING**
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