

# The George and Dot Bishop Advanced Materials Colloquium Series



*Fall 2025*

**September 4, 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



**September 11, 2025**

200 Olin Hall  
4 - 5 PM

## **Inverse Design of Short Fiber Polymer Composites**

**Dr. Feng Luo**

Marvin J. Pinson, Jr. '46 Distinguished Professor  
School of Computing  
Founding director of Clemson AI Research  
Institute for Science and Engineering (AIRISE)  
Clemson University, Clemson SC



**November 13, 2025**

200 Olin Hall  
4 - 5 PM

## **Monochromania: A Look into the New Types of Science Enabled by Next Generation High-Energy-Resolution Electron Microscopy**

**Dr. Jordan Hachtel,**

Research and Development  
Center for Nanophase Materials Science  
Oak Ridge National Laboratory, Oak Ridge, TN



**\*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/97681943279?pwd=imOd2CDj2nPmAKNimsKnh4AZibKeiK.1>

presented by



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**MATERIALS SCIENCE  
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