



## Fall 2022 CBE Seminar Schedule

**LOCATION: Fiber Optics - EHA**

*(Refreshments served)*

**September 29 – 10:30 a.m.**  
*Location: Fiber Optics - EHA*

*Exploiting confined interior of clay nanotubes: architectonic design and enhanced mesocatalysts*

**Dr. Yuri Lvov** – Louisiana Tech University  
Institute for Micromanufacturing

**October 13 – 10:30 a.m.**  
*Location: Fiber Optics - EHA*

*Data-assisted systems modeling and optimization with applications in sustainability*

**Dr. Fani Boukouvala** – Georgia Institute of Technology  
School of Chemical & Biomolecular Engineering

**October 20 – 10:30 a.m.**  
*Location: Fiber Optics - EHA*

*Chemical Engineering Approaches for Catalytic Reduction of CO<sub>2</sub>*

**Dr. Jingguang Chen** – Columbia University  
Department of Chemical Engineering

**November 10 – 10:30 a.m.**  
*Location: Fiber Optics - EHA*

*Computational Design of Tailor-made Enzymes Using Data and Physics*

**Dr. Sagar Khare** – Rutgers University  
Department of Chemistry and Chemical Biology

**December 1 – 10:30 a.m.**

*Beyond the conventional uses of DEM in solving industrial problems*

*\*Zoom Link Below*

**Dr. Christine Hrenya** – University of Colorado Boulder  
Department of Chemical and Biological Engineering

**December 8 – 9:00 a.m.**

*Controlling phase separation in Elastomeric (poly)peptide materials for thermoresponsive and cell-directed therapies*

*\*Zoom Link Below*

**Dr. Kristi Kiick** – University of Delaware  
Departments of Materials Science & Biomedical Engineering

**<https://rutgers.zoom.us/j/96935775320?pwd=T3lhTTFhZGR0SkFLUEhzSUNXQlVZz09>**

***ALL SEMINARS WILL BE FROM 10:30-11:30AM  
(EXCEPT December 8 which will be from 9:00AM-10:00AM VIA Zoom)***

Any questions, contact Michele Giusti at [mgiusti@soe.rutgers.edu](mailto:mgiusti@soe.rutgers.edu)

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