

# The George and Dot Bishop Advanced Materials



## Colloquium Series

*Spring 2022*

**January 20, 2022**

200 Olin Hall  
4 - 5 PM

**Material Science and Engineering in Polymer Tantalum Capacitors**

Dr. Yuri Freeman, Fellow/Vice President  
KEMET Electronics, Simpsonville SC

**January 27, 2022**

200 Olin Hall  
4 - 5 PM

**Advanced Functional Materials at the Interface of Biological and Sensor Systems**

Dr. Michael Daniele, Associate Professor, Electrical & Computer Engineering and Biomedical Engineering  
NC State University, Raleigh NC & University of North Carolina, Chapel Hill, NC

**February 3, 2022**

200 Olin Hall  
4 - 5 PM

**Innegra™ Lightweight, Tough, High-Performance Fiber Designed to Improve Performance**

Jen Hanna, President, Innegra Technologies  
Innegra Technologies, Greenville SC

**February 10, 2022**

200 Olin Hall  
4 - 5 PM

**Robust Collective Locomotion With and Without Coordination**

Dr. Daniel Goldman, Dunn Family Professor, School of Physics  
Georgia Institute of Technology, Atlanta, GA

**March 10, 2022**

200 Olin Hall  
4 - 5 PM

**Long-time Atomistic Simulations of Materials Using Massively-Parallel Computers**

Dr. Danny Perez, Staff Scientist, Theoretical Division  
Los Alamos National Laboratory, Los Alamos, NM

**April 14, 2022**

200 Olin Hall  
4 - 5 PM

**Compositionally Complex Oxides: Synthesis, Characterization, Challenges, and Opportunities**

Dr. Veerle Keppens, Chair, Materials Science and Engineering Department  
University of Tennessee-Knoxville, Knoxville, 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.

presented by



Department of  
**MATERIALS SCIENCE  
AND ENGINEERING**  
Clemson® University

