The George and Dot Bishop Advanced Materials

Colloquium Series

Fall 2024

September 5, 2024
200 Olin Hall
4 - 5 PM

Advancing Microscopy through the Synergy of AI Efficiency and Human Expertise for Autonomous Experimentation
Dr. Yongtao Liu, Data NanoAnalytics Group
Center for Nanophase Materials Science
Oak Ridge National Laboratory, Oak Ridge, TN

September 12, 2024
200 Olin Hall
4 - 5 PM

The Properties and Promise of High Entropy Ceramics: Insights from Theory and Computation
Dr. Donald Brenner, Kobe Steel Distinguished Professor and Chair
Department of Materials Science and Engineering
NC State University, Raleigh, NC

September 26, 2024
200 Olin Hall
4 - 5 PM

Getting Chemical Reactivity Into and Out of Polymer Networks
Dr. Stephen Craig, William T. Miller Professor of Chemistry
Department of Chemistry
Duke University, Durham, NC

October 24, 2024
200 Olin Hall
4 - 5 PM

Semiconductor Materials and Manufacturing
Marc Shull, Director of Process Engineering
Materials and Surface Engineering Center of Excellence
Applied Materials, Inc. San Jose, CA

November 7, 2024
200 Olin Hall
4 - 5 PM

ZENO: Path-Integration Method for Nanoparticle and Polymer Characterization Dr. Jack Douglas, Research Scientist
Materials Science and Engineering Division
National Institute of Standards and Technology, Gaithersburg, MD

November 14, 2024
200 Olin Hall
4 - 5 PM

Void Swelling Differences between BCC and FCC Metals
Dr. Haixuan Xu, Associate Professor
Department of Materials Science and Engineering
University of Tennessee, 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.
https://clemson.zoom.us/j/99180540184

presented by

Department of
MATERIALS SCIENCE AND ENGINEERING
Clemson University