


Chemical and Biomolecular Engineering Seminar Series
Spring 2020
 Mondays, 2:00 – 2:55 PM
 Stocker 103

January 13		Dr. Bruce Brown , Associate Director of Operations, Institute of Corrosion and Multiphase Technology, Ohio University <i>“Advancements in understanding corrosion mechanisms”</i>
January 20	Martin Luther King Day (no classes)	
January 27	No seminar	
February 3		Dr. Razvan Bunescu , Professor, Department of Electrical Engineering and Computer Science, Ohio University <i>“Machine learning on medical data for time series forecasting and question answering”</i>
February 10		Dr. Alexey Zayak , Associate Professor, Department of Physics and Astronomy, Bowling Green State University <i>“Raman scattering of organic-inorganic interfaces by first-principles computations”</i>
February 17		Dr. Gaurav Pranami , Vice President R&D, Imbed Biosciences <i>“Development and clinical translation of a novel bioresorbable matrix for hard to heal wounds”</i>
February 24		Dr. Vikram Jadhao , Assistant Professor, Intelligent Systems Engineering, Indiana University <i>“Nanoscale simulations of soft matter and machine learning for engineering advanced materials”</i>
March 2		Dr. Yakov Lapitsky , Professor, Department of Chemical Engineering, University of Toledo <i>“Formation, properties and limitations of chitosan/tripolyphosphate micro- and nanogels”</i>
March 9	SPRING BREAK	
March 16	Corrosion conference (no seminar)	

March 23		Dr. Sarah Veatch , Associate Professor, Biophysics, University of Michigan <i>“Phases and fluctuations in biological membranes”</i>
March 30		Dr. Gheorghe Bota , NAP JIP Project Leader, Institute of Corrosion and Multiphase Technology, Ohio University <i>“Naphthenic acids: friends or foe?”</i>
April 6		Dr. Matthias Buck , Professor, Department of Physiology and Biophysics, Case Western Reserve University <i>“Dynamic protein complexes: Insights from NMR and Molecular Dynamics simulations”</i>
April 13		Dr. Geyou Ao , Assistant Professor, Department of Chemical and Biomedical Engineering, Cleveland State University <i>“Controlled processing of nanotubes by DNA”</i>
April 20		Dr. Shikha Nangia , Associate Professor, Department of Biomedical and Chemical Engineering, Syracuse University <i>“Engineering pathways across biological barriers”</i>