



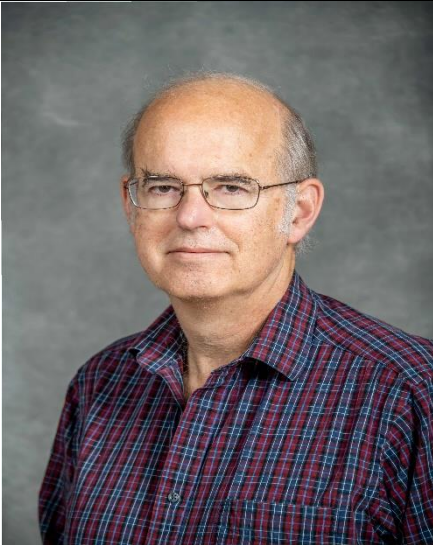




# Fall 2021 Graduate Seminar Series

Date, Location & Host	Speaker	Topic	
<p>Tuesday, September 14, 2021</p> <p>102 BEH 11:00am</p> <p>Host: Inanc Senocak</p>	<p><b>Distinguished Lecturer</b> <b>Dr. Charles Meneveau</b> Louis M. Sardella Professor of Mechanical Engineering Johns Hopkins University</p>	<p>Big Data and Machine Learning in Fluid Turbulence Research and Applications to Turbulent Spots in Boundary Layer Bypass Transition</p>	
<p>Tuesday, September 21, 2021</p> <p>102 BEH 11:00am</p> <p>Host: Ben Erichson</p>	<p><b>Dr. Kunihiko (Sam) Taira</b> Professor Mechanical and Aerospace Engineering University of California Los Angeles</p>	<p>Tackling the Complex Dynamics of Unsteady Flows</p>	
<p>Tuesday, September 28, 2021</p> <p>102 BEH 11:00am</p> <p>Host: Katherine Hornbostel</p>	<p><b>Dr. Ryan P. Lively</b> Associate Professor School of Chemical and Biomolecular Engineering, Georgia Institute of Technology</p>	<p>The Refinery of Today, Tomorrow, and the Future: A Separations Perspective</p>	

<p>Thursday, October 7, 2021</p> <p>102 BEH 11:00am</p> <p>Host: Peyman Givi</p>	<p><b>Dr. Dipankar Choudhury</b> Vice President, Research Ansys Inc.</p>	<p>Digital Exploration Made Possible By High Performance Computing on GPUs</p>	
<p>Tuesday, October 12, 2021</p> <p>102 BEH 11:00am</p> <p>Host: Peyman Givi</p>	<p><b>Distinguished Lecturer</b> <b>Dr. John Bell</b> Senior Scientist Center for Computational Science and Engineering Lawrence Berkeley National Laboratory</p>	<p>Between Kinetic Theory and Navier Stokes - Modeling Fluids at the Mesoscale</p>	
<p>Tuesday, October 19, 2021</p> <p>102 BEH 11:00am</p> <p>Host: Nikhil Bajaj</p>	<p><b>Dr. Robert Landers</b> Professor of Mechanical Engineering Department of Aerospace and Mechanical Engineering University of Notre Dame</p>	<p>Modeling and Control of Laser Metal Deposition Processes</p>	

<p>Tuesday, November 16, 2021</p> <p>102 BEH 11:00am</p> <p>Host: Anne Robertson</p>	<p><b>Dr. Susan Lessner</b> Professor University of South Carolina School of Medicine Dept. of Cell Biology &amp; Anatomy Biomedical Engineering Program</p>	<p>Vascular Remodeling in Health and Disease: A Different Angle of View</p>	
<p>Tuesday, November 30, 2021</p> <p>102 BEH 11:00am</p> <p>Host: Hessam Babae</p>	<p><b>Dr. Amir Alavai</b> Assistant Professor Department of Civil and Environmental Engineering Department of Bioengineering University of Pittsburgh</p>	<p>Design and Discovery of Multifunctional Material and Structural Systems with Advanced Functionalities</p>	