

Mechanical & Aerospace Engineering

Seminar Series Spring 2024



School for Engineering of Matter, Transport
and Energy

DATE	SPEAKER	LOCATION
1/12/2024 10:30 am	Professor Ryan O'Hayre Colorado School of Mines	BA 341 Title: Fuel Flexible Protonic Ceramic Fuel Cells
1/19/2024 10:30 am	Professor Melkior Ornik University of Illinois	BA 341 Title: Autonomous System Resilience and Guaranteed Performance in the Face of Unexpected Adversity
1/26/2024 10:30 am	Dr. Hoon Sohn KAIST	BA 341 Title: Online nondestructive testing and process control during laser powder directed energy deposition
2/9/2024 10:30 am	Professor Sutanu Sarkar University of California San Diego	BA 341 Title: Oceanic flows at bottom topography

<p>2/22/2024 10:30 am</p>	<p>Professor Thiago Ritto Federal University of Rio de Janeiro</p>	<p>WXL R A302</p> <p>Title: Reinforcement learning and approximate Bayesian computation (RL-ABC) for model selection and parameter calibration of time-varying systems</p>
<p>2/23/2024 10:30 am</p>	<p>Professor Jian Wang University of Nebraska-Lincoln</p>	<p>BA 341</p> <p>Title: Confined Volume Enabled Unusual Plasticity in Secondary Phase Strengthened A1 Alloys</p>
<p>3/1/2024 10:30 am</p>	<p>Professor Mike Graham University of Wisconsin</p>	<p>BA 341</p> <p>Title: Data, dynamics, and manifolds: machine learning approaches for modeling and controlling complex flows</p>
<p>3/15/2024 10:30 am</p>	<p>Dr. Satish Kandlikar Rochester Institute of Technology</p>	<p>BA 341</p> <p>Title: New Generation of Two-Phase Coolers for Data Center CPUs for High Heat Flux Dissipation</p>
<p>3/29/2024 10:30 am</p>	<p>Professor Yue Qi Brown University</p>	<p>BA 341</p> <p>Title: TBA</p>
<p>4/5/2024 10:30 am</p>	<p>Dr. Hakan Ceylan Mayo Clinic</p>	<p>BA 341</p> <p>Title: TBA</p>
<p>4/19/2024 10:30 am</p>	<p>Professor Roger Barker North Carolina State University</p>	<p>BA 341</p> <p>Title: TBA</p>