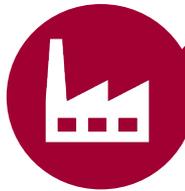# CAMS Research Priorities for 2024

CYBERSECURITY RISK MANAGEMENT
How secure are we (and how do we measure this)? How do we manage (and minimize) cyber risk? How can we measure the impact of various options available to us technologically and organizationally? How do we manage third-party risk?

CYBER-PHYSICAL SYSTEMS
What is the best approach to managing cybersecurity of IoT devices, especially those running in plants and complex systems? How do we use a systems approach such as the System-Theoretic Accident Model and Processes (STAMP) to manage the complexity of systems in a structured manner to strategically focus cyber investments.

CYBERSECURITY GOVERNANCE
SEC recommendations have changed rules for cybersecurity management. How does that impact governance? What is the role of the Board of Directors in cybersecurity governance? How do we harmonize requirements from other types of regulations and rules with needs for cybersecurity?

CYBERSECURITY CULTURE
How do we influence and increase positive cybersecurity behaviors? How do we change values, attitudes, and beliefs so every employee is aligned and motivated to do the right thing?

CYBERSECURITY RESILIENCE
How do we make our organizations cyber resilient? If we cannot completely protect our organizations, what is the best approach to cybersecurity? What would be included in a balanced scorecard for cybersecurity resilience?