



# STEM PATHWAYS

## Spring 2023 Seminar Series

Friday, March 24, 2023  
3-4 pm  
CILSE 409



**Mark L. McKelvin**  
Principal Engineer  
The Aerospace Corporation

Dr. Mark L. McKelvin, Jr. is a Principal Engineer at the Aerospace Corporation, where he specializes in the application of model-based engineering techniques to develop solutions for cyber-physical, embedded, and software-intensive systems. Prior to joining the Aerospace Corporation, Dr. McKelvin worked at NASA/JPL as a software systems engineer, electrical systems engineer, and a lead fault protection engineer on major flight systems. His interests are in the application of modeling, analysis, and design of engineered systems, including cyber-physical and embedded systems. He holds a Ph.D. in Electrical Engineering and Computer Sciences from the University of California, Berkeley and a Bachelor of Science in Engineering from Clark Atlanta University in Atlanta, Georgia.