



SIE Grad Student Seminar

Computational Modeling Human Performance and Mental Workload and its Applications in Systems Design

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Oct. 5, 2017

2:00-3:00 PM

ENGR 301

This research seminar will focus on computational human performance modeling and mental workload with its applications in systems engineering. Human performance modeling is a growing and challenging area in human factors and cognitive systems engineering. It builds computational models based on the fundamental mechanisms of human cognition and human-system interaction, employs both mathematical and discrete event simulation methods in industrial engineering, and predicts human performance and workload in real-world systems.

It can be used to design, improve, and evaluate systems with human in the loop.

Current and future research topics will also be introduced.

Sponsored by the Dept. of Systems & Industrial Engineering
More info contact Mia Schnaible 621-6551 <http://www.sie.arizona.edu>