

# International Symposium on Artificial Intelligence - Machine Learning in Safety Critical Systems

21 - 22 October 2021

## PROFILE



### **Dr. Ali Raz**

**Assistant Professor,  
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Dr. Ali Raz is an Assistant Professor at George Mason University Systems Engineering and Operations Research department and an Assistant Director of Intelligent Systems and Integration at the C4I and Cyber Center. Dr. Raz research and teaching interests are in understanding collaborative autonomy and developing systems engineering methodologies for integrating autonomous systems.

Raz's research brings a Systems Engineering perspective, particularly inspired by complex adaptive systems, to information fusion and artificial intelligence/machine learning technologies that form the foundations of collaborative and integrated autonomous systems. Prior to joining Mason, he was a Visiting Assistant Professor at Purdue University School of Aeronautics and Astronautics where he taught courses in aerospace systems design. He holds a temporary faculty appointment with the U.S. Navy Naval Surface Warfare Center at Crane, Indiana and has worked with Naval Postgraduate School, John Hopkins University Applied Physics Laboratory (JHU-APL), the United States Missile Defense Agency, and Honeywell Aerospace. He holds a BSc. and MSc. in Electrical Engineering from Iowa State University, and a Ph.D. in Aeronautics and Astronautics from Purdue University.

He is a co-chair of International Council of Systems Engineering (INCOSE) Complex Systems Working Group, Artificial Intelligence Working Group, and a Certified Systems Engineering Professional (CSEP). He is also a senior member of the American Institute for Aeronautics and Astronautics (AIAA) and Institute of Electrical and Electronics Engineers (IEEE).