

Real-World Robotic Autonomy and Systems

Speaker: Dr. Edward Tunstel
Chief Technology Officer
Motiv Space Systems, Inc.

Date/Time:

September 28, 3:30-4:30PM

Location:

HC 216, Makerspace

Abstract: Dr. Edward Tunstel has three decades of experience in engineering research & development in robotics, automation, and applications of computational and artificial intelligence, as well as autonomous sensor-based control and automated reasoning systems. He is a control and navigation researcher and software/systems engineer on major robotics projects for national security programs and NASA planetary missions. He published hundreds of research papers. At this talk, he will be discussing his past experiences. There will be a Q&A session at the end.

Speaker Bio: Dr. Edward Tunstel is a roboticist with 35 years of experience in research and practical applications advancing robotics and autonomous systems. He is the Chief Technology Officer at Motiv Space Systems, Inc. and was recently Associate Director for Robotics at Raytheon Technologies Research Center in East Hartford, CT. He previously spent a decade at Johns Hopkins Applied Physics Laboratory as a Senior Roboticist and as Space Robotics & Autonomous Control Lead. He started his career with two decades at the NASA Jet Propulsion Laboratory as a Senior Robotics Engineer and Group Leader for Advanced Robotic Controls where he worked on the Mars Exploration Rovers mission and prior enabling research. He earned B.S. and M.E. degrees in mechanical engineering at Howard University and the Ph.D. in electrical engineering at the University of New Mexico. He is an IEEE Fellow, former IEEE Systems, Man, and Cybernetics Society President, and member of the IEEE Robotics and Automation Society, AIAA, and NSBE Professionals.

** A light lunch –pizza and drinks— will be served.*

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