

Computer Science Seminar

After Taking the Red Pill: Army Modeling and Simulations

George Kneuper

Operations Research / Systems Analyst (ORSA)



From individual live training exercises and vehicle simulators, to joint, international and multi-organization wargames, the US military has long been a leader in the use of modeling and simulations. In this seminar, we will explore what Army Modeling and Simulation is composed of, as well as current and future challenges. Finally, we will have an open discussion about topics, areas of study, and projects that should you choose to take on, could have a dramatic impact on the future of modeling and simulations.

Bio: Mr. George M. “Mike” Kneuper is a retired Army Modeling and Simulations professional currently serving as an Operations Research / Systems Analyst (ORSA) in the Plans and Integration Division of the Maneuver Support Battle Lab, Fort Leonard Wood. After receiving a M.S. in Modeling and Simulations / Training Systems Design from the University of Central Florida, he went on to various positions throughout the military; training soldiers, units, and organizations. Mr. Kneuper has served as one of the Army’s subject matter experts in the utilization of live, virtual, constructive, and blended Modeling and Simulations capabilities at venues like the National Training Center (NTC – Fort Irwin, CA), Mission Training Complex (MTC – Joint Base Lewis McChord, WA) and the Maneuver Support Center of Excellence (MS-CoE – Fort Leonard Wood, MO). Whether training Army ROTC cadets utilizing a commercial off the shelf, first person shooter (<http://stars.library.ucf.edu/etd/775/>), or Brigade Combat Teams from the ‘Star Wars’ building at the NTC, Mr. Kneuper has been deeply involved in the continuing development of innovative training solutions in military Modeling and Simulations.

Date: March 19, 2018

Time: 10:00 am - 10:50 am

209 Computer Science Building

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