Bring Back the Nuclear Tomahawks

In response to continued Russian and North Korean aggressive nuclear posture activities, Admiral (ret) James A. “Sandy” Winnefeld, Distinguished Professor of International Affairs at Georgia Tech’s Sam Nunn School and former Vice Chairman of the Joint Chiefs of Staff and Commander of U.S. NORTHCOM and NORAD, and Dr. James N. Miller, senior fellow at Harvard Kennedy School’s Belfer Center for Science and International Affairs and former Under Secretary of Defense for Policy, discuss the role of nuclear-capable cruise missiles in modernizing our nuclear defense forces to ensure a safe, secure, and... Read More
VOICE FROM THE COMMUNITY

Dr. Robert Cruise  
 Naval Surface Warfare Center, Crane Division

Dr. Cruise is currently working on collective decision-making in multi-AI-agent systems. This is part of efforts furthering the cyber-physical command-guided swarm (CGS) concept. CGS is a multisensor, multiweapon, multiplatform, single-human-operator system-of-systems. The swarm intelligence emerges from the complex interactions within the CGS multiagent population. These interactions may be designed using game theory. Each AI agent executes a gaming strategy. About two dozen simultaneous games within the CGS population converge upon solution concepts, or equilibria (such as the famous Nash equilibrium), and these equilibria constitute the emergent swarm intelligence.

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