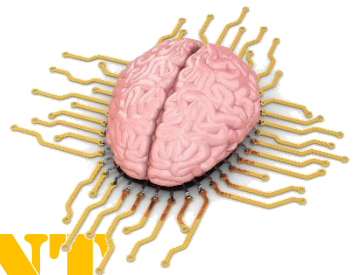


MAD SCIENTIST

VISUALIZING MULTI-DOMAIN BATTLE 2030-2050

CROWD SOURCING EVENT

From 24 – 28 July 2017



Exploring Multi-Domain Battle in 140 Characters @ArmyMadSci #MultiDomainBattle

******THE THREE MOST INSIGHTFUL TWEETS will receive the coveted
Mad Scientist proclamation & lab coat patch!!!******

A rapidly moving technology evolution is driving a change in the character of future conflict. U.S. forces can no longer assume continuous superiority in any domain. U.S. forces must anticipate being contested in all domains across a vastly extended area of operations by enemies that possess systems that match or exceed our capabilities.

The ability of states, non-states actors, and super-empowered individuals to contest in all domains will only amplify with the explosion in artificial intelligence, robotics, and autonomy. Technology trends will continue along the trajectory of smaller, faster, smarter, cheaper, and more accessible. These technologies will increase lethality and speed on the battlefield, change the role of Leaders and Soldiers, and introduce new ethical dilemmas.

Focus questions for the Georgetown Mad Scientist Conference:

- (1) What are the attributes of multi-domain battle in 2050?
- (2) How will the roles of Leaders and Soldiers be different on this battlefield?
- (3) What are potential ethical dilemmas created by emerging technologies?
- (4) What are the most disruptive technologies on this battlefield; when will they be militarized to scale?
- (5) What effects do characteristics of a dense urban environment and “smart cities” have on military operations and objectives beyond the ground level

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