

SEMINAR ANNOUNCEMENT

Title: Probability Of Negation Of Cruise Missiles

Abstract: Probability of Negation (PN) of an enemy missile depends upon its path from its launch point to its intended target. Since Ballistic Missile (BM) trajectories can be predicted uniquely, once the BM's trajectory is known, then its PN can be calculated in terms of the probabilities of success in the three major functions: Sensor, Battle Management (BM/C4I) and Weapon (interceptors). In contrast, the Cruise Missile (CM) route between its launch point and its intended target is preplanned by the enemy, based upon his perception of the defense's performance. Here a method is presented to predict the enemy's most probable CM-route to attack the defense.

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Date: Friday, April 29, 2005

Time: 11:00 am – 12:00 pm

Location: Monroe Hall (2115 G Street NW), Room B02

Directions: Foggy Bottom-GWU Metro Stop on the Orange and Blue Lines. The campus map is at <http://www.gwu.edu/~map>.

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