

Guest Lecture on Thursday April 17, 2008 in H3 at 13.15-14.00:

“Maritime Interdiction Operations and Autonomous Cooperative Control”

By Anthony J. Healey, Distinguished Professor, Naval Postgraduate School, Monterey, CA.

Abstract:

“Under a new emphasis on Maritime Domain Awareness, the US Navy is exploring the use of unmanned assets in coordinated operations. This has led the Center for AUV Research at NPS to broaden its interests to encompass surface as well as aerial and underwater autonomous vehicles. The lecture will explain some of the contributions of recent work using our aerial, and surface vehicles in networked collaborative behaviors. The work focuses on experimental validation of ideas and looks at the performance of networked autonomous vehicles in coordinated operations. Some discussion of path generation using Artificial Potential Fields and target tracking control with Sea Fox will be given.”