



THE AMERICAN SOCIETY OF NAVAL ENGINEERS (ASNE)

Flagship Section



<https://www.navalengineers.org/flagship/meetings/Pages/UpcomingEvents.aspx>

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1130-1300 on Wednesday, 22 May 2013 @ BAE Conference Center (80 M St SE)

Electromagnetic Railgun: Game Changer for the 21st Century

(Distro D: For Government and Government Contractors Only)



Captain Michael Ziv, USN
*Deputy Chief Technology Officer
and Division Director at NAVSEA
Program Manager, Directed Energy
and Electric Weapon Systems*



CAPT Michael Ziv graduated from the University of Miami, FL with a Bachelor of Science Degree in Mechanical Engineering. After receiving his commission from the Officer Candidate School as an ED Option in 1990, he reported to the USS Gallery (FFG-26) in Mayport, FL where he earned his Surface Warfare Qualification and served as communications and auxiliaries and electrical officer.

He graduated from the Massachusetts Institute of Technology in 1995 with a Naval Engineer Degree and a Master of Science in Mechanical Engineering. He then reported to the Supervisor of Shipbuilding, Conversion and Repair New Orleans, where he served as the project officer for a variety of multi-service programs including LCAC, the ultra-lightweight howitzer program, as well as a class of motor surfboats for the USCG.

Following this assignment, he reported for a one year tour at the Pacific Board of Inspection and Survey (INSURV) where he served as the senior damage control inspector. This was followed by a tour at Commander Naval Surface Forces, Pacific N43 where he developed and implemented the current CNSF damage control material readiness program and was awarded the 2003 ASNE C.W. Burck Fleet Engineer of the Year Award for his numerous contributions to the improvement of damage control readiness throughout the fleet.

CAPT Ziv reported to the Naval Sea Systems Command (NAVSEA) in 2004 where he served in several key positions including: Deputy Director for Structures and Survivability (NAVSEA 05P), Deputy Ship Design Manager for the Littoral Combat Ship (NAVSEA 05D), and Assistant Program Manager for Electromagnetic Railguns (PMS-405G). During his tour at NAVSEA, CAPT Ziv was assigned as an Individual Augment (IA) to Multi-National Forces Iraq (MNF-I) (August 2007- November 2008) where he was the program manager and primary architect and engineer for all MNF-I infrastructure and life support/billeting area development at the New Embassy Compound (NEC), Baghdad Iraq.

He currently serves as the Deputy Chief Technology Officer and Division Director at NAVSEA. He is the Program Manager at Directed Energy and Electric Weapon Systems and as the Program Manager for the US Navy Railgun Innovative Naval Prototype (INP) program at the Office of Naval Research (ONR).

CAPT Ziv's awards include the Bronze Star Medal, the Meritorious Service Medal (two awards), the Navy Commendation Medal (four awards), the Navy Achievement Medal and various other campaign and unit awards.

**RSVP to Andy Rolle at Phone: 202-203-6365, E-Mail:
andreas.rolle@baesystems.com by 20 May. Luncheon Fee: \$10 members of either ASNE/SNAME; non-members: \$15; FT engineering students: free.**