
Albert Kitagawa Legaspi, Ph.D.



Senior Engineer for Tactical and Enterprise Networks Space and Naval Warfare Systems Center, Pacific

Dr. Legaspi was appointed as Senior Engineer for Tactical and Enterprise Networks (ST) in March 2015. He currently serves as the science, technology, and engineering expert for Navy Networks and chairs a senior level international engineering steering committee, Coalition Network for Secure Information Sharing (CoNSIS).

From May 2014 to March 2015, Dr. Legaspi served as the Competency Lead for Network Centric Engineering and Integration, leading engineering efforts in System of System Modeling and Simulation (M&S), Joint Information Environment (JIE), Integration and Interoperability (I&I), shipboard antenna design and analyses, and Global Position Systems.

From June 2006 to May 2014, Dr. Legaspi was the Head of the Network Division where he led several networking projects which included shipboard, airborne and submarine wide and local area networks. Since 2008, he has served as the Technical Area Expert in Networking.

From February 2000 to June 2006, Dr. Legaspi served as the Head of the Network Centric Warfare Analysis Branch and was selected by OPNAV N6 as the Navy's representative to the Joint Chief of Staff J6's Network Warfare Simulation (NETWARS) program. He served as the chair of the Navy's Modeling and Simulation Standards Group that was responsible to identify, develop, and promote modeling standards. Dr. Legaspi led several M&S research projects that focused on parallel and analytical simulations for DoD's High Performance Computing Program Office and DARPA. He also was the Principle Investigator of one of the Navy's World Class Modeling Projects.

From December 1997 to February 2000, Dr. Legaspi served as the Deputy Director of the Navy Modeling and Simulation Office for OPNAV N6. He served as the lead for the Navy Modeling and Simulation Standards Working Group; Navy Verification, Validation and Accreditation Program; and Navy Science and Technology Modeling & Simulation Program.

From April 1991 to December 1997, Dr. Legaspi was the Tactical Intelligence II+ Project Manager. He developed a simulation based design approach where each part of the system

was simulated through a constructive modeling environment which led to an optimized media access protocol for satellite resources within a Battle Group network.

Dr. Legaspi earned his Ph.D. and Master of Science degrees in Electrical Engineering from the University of California, San Diego. He earned double Bachelor of Science degrees in Mathematics and System Science from the University of California, Los Angeles. His graduate work focused on the theory of network stability for a mobile ad-hoc environment.

Dr. Legaspi received the Department of the Navy Meritorious Civilian Service Award in June 1997 for his work in Network Modeling and Simulation. He received SSC Pacific's highest honorary award, the Lauritsen-Bennett Award for Excellence in Engineering in 2013. Dr. Legaspi is a Member of the Institute of Electrical and Electronics Engineers (IEEE). He served as the Chair of San Diego's IEEE Communications Society.