

NAVAL SCIENCE AND TECHNOLOGY

ENGR 3109: Navy STEM Professional Development Seminar

Tuesday, April 9, 2019

5:00 pm to 6:00 pm

UConn, BPB 130

“OVERVIEW OF BLOOMY CONTROLS”

DESCRIPTION: Bloomy representatives will present the company background and mission of being the leader in automated test, data acquisition and control systems. The discussion agenda includes engineering and manufacturing capabilities, Bloomy products, turnkey systems and vertical business units encompassing Electronics Functional Test (EFT), Simulation Systems (SIMS) and Battery Test Systems (BTS). Case studies will be presented to emphasize how Bloomy's solutions apply to the aerospace and automotive industries as well as custom Naval applications.

DANH PHAM, ENGINEERING DIRECTOR

BLOOMY CONTROLS, WINDSOR, CT

Danh Pham leads the engineering team at Bloomy, focusing on quality first in the design, build, qualification, and delivery of complex automated test equipment. Through continuous employee development and process improvement, he maintains our cutting-edge engineering and software technology organization. Danh brings to Bloomy ten years of leadership from General Dynamics Electric Boat where he led engineering teams in the research, development, and qualification of power electronics, machinery, and controls for advanced integrated power systems. Under Danh's direction, his team collaborated with the U.S. Naval Reactors engineering office and contractors to deliver equipment for the next generation submarine propulsion plant. Danh completed his bachelor's and master's degrees in electrical engineering at Polytechnic Institute of New York University and Rensselaer Polytechnic Institute respectively

BILL PAPALE, SIMULATION SYSTEMS ENGINEERING LEAD

BLOOMY CONTROLS, WINDSOR, CT

Bill Papale is the Simulation Systems Engineering Lead at Bloomy Controls in Windsor, Connecticut. He is a veteran of the U.S. Navy submarine force and holds a Bachelor of Science in Chemical Engineering from the University of Connecticut (2000) and a Master of Science in Systems Engineering from Worcester Polytechnic Institute (2015). His work at Bloomy is focused on designing and integrating Real-Time, Hardware-in-the-Loop test systems that are used in simulating interfaces to aerospace electronics, such as digital engine controls, flight control computers and avionics equipment. He has over 17 years of experience in aerospace industry, developing and fielding spacecraft and submarine atmosphere revitalization systems and technologies.

Upcoming Distinguished Seminars



UConn Senior Design Projects

APRIL 16TH @ 5PM
UConn – BPB 130



URI Capstone Projects

APRIL 23RD @ 5PM
URI – AVD HALL 170



Eric Irwin

Warfare Analysis Program Lead
GENERAL DYNAMICS
ELECTRIC BOAT
APRIL 30TH @ 5PM
URI – AVD HALL 170

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