

NAVAL SCIENCE AND TECHNOLOGY

ENGR 3109: Navy STEM Professional Development Seminar

Wednesday September 18, 2019

5:00 pm to 6:00 pm

UConn, ITE 336

“HUMAN-CENTERED MULTIDISCIPLINARY STEM”

DESCRIPTION: As systems continue to become more complex and interconnected, the development of effective solutions will increasingly rely upon two key approaches. First, we must remember the human that will ultimately interact with the system, and explicitly engineer systems that complement the strengths and weaknesses of the human that uses them. Second, we must leverage multidisciplinary approaches, as approaches that do not consider the computational and social sciences will be inadequate. We will discuss multiple R&D projects spanning domains of war gaming, crowdsourcing, and argumentation, highlighting the criticality of different STEM disciplines in the success of each.

**STEVE DORTON, V.P. RESEARCH & DEVELOPMENT,
DIRECTOR – HUMAN-AUTONOMY INTERACTION
LABORATORY**

SONALYSTS, WATERFORD, CT

Steve Dorton is a Human Factors Scientist and the Director of Sonalysts' Human-Autonomy Interaction Laboratory (HAIL). He has conducted research, development, test, and evaluation of human-machine interactions for dozens of command/control, combat, and information systems. Steve leads a diverse team of scientists, engineers, and analysts to develop novel solutions for complex problems. Starting his career as a human factors engineer for over five years, he now serves as principal investigator for multiple human-centric R&D programs with a common theme of supporting decision making.

Upcoming Distinguished Seminars



Johanna Thomas

UUV IPT Lead
BLUEFIN ROBOTICS
SEPTEMBER 25 @ 5PM
UConn – ITE 336



Panel Discussion

URI CAREER FAIR
OCTOBER 2ND @ 5PM
URI – Avedisian Hall 240



Matthew Zimmerman

V.P. Engineering
FAROUNDER
OCTOBER 9TH @ 5PM
URI – Avedisian Hall 240



LT Caitlin Tye

Navy Recruiting District
New England
OCTOBER 16TH @ 5PM
UConn – ITE 336

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