

NAVAL SCIENCE AND TECHNOLOGY ENGR 3109: Navy STEM Professional Development Seminar

Tuesday, February 25, 2020

5:00 pm to 6:00 pm

URI, AVD Hall 240 ~ Live Streaming to UConn

“SUBSEA NAVIGATION AND MY JOURNEY WITH iXBLUE”

DESCRIPTION: Pat will be giving a brief overview of his career starting at URI to present day. He will introduce the company iXblue, talk about the different technologies and products the company offers, and give an overview of subsea navigation. He will also provide some input as to my personal experience with the company and the many opportunities I have had working with them.

PAT MORAN, SUPPORT ENGINEER

iXBLUE DEFENSE SYSTEMS, INC

Pat was born and raised in Westerly, RI, and as an avid lover of the ocean, he decided to study Ocean Engineering at URI. After applying and learning about the International Engineering Program at URI, he continued with his high school French language studies and still uses them today. After successfully completing his BS in Ocean Engineering, he pursued his Master's degree at URI, working with Professor Stéphan Grilli and wrote his Master's thesis on a tsunami detection algorithm that employs coastal radar measurements. Upon graduation, he started with iXblue Defense Systems, a branch of iXblue SAS, where he is currently working as a support engineer.


iXBLUE


iXBLUE DEFENSE SYSTEMS, INC LINCOLN, R.I.

iXblue is a global high-tech company specializing in the design and manufacturing of advanced autonomous, marine and photonics technologies. The group in-house expertise includes innovative systems and solutions devoted to inertial navigation, subsea positioning, underwater imaging, as well as shipbuilding and tests & simulation means.

iXblue was one of the first companies in the world to exploit, develop and bring to market the Fiber-Optic Gyroscope (FOG) technology, and now stands out as a pioneer and recognized leader on this market. Resulting from over 30 years of research & development, the FOG is now considered to be the best gyroscope in the world: its performance is genuinely deemed unlimited.


Upcoming Distinguished Seminars

 **Wayne Tucker**
NAVAL UNDERSEA
WARFARE CENTER
MARCH 3RD @ 5PM
URI - Avedisian Hall 240

 **John Evans**
Director of special
Projects & Innovation
RDSI
MARCH 10TH @ 5PM
UConn – ITE 336

SPRING BREAK
March 15th-21st



 **Dave Medeiros**
Senior Strategic
Defense Analyst
RITE SOLUTIONS
MARCH 24TH @ 5PM
URI - Avedisian Hall 240

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