



NOTICE OF EVENING PRESENTATION
Wednesday, 16 March 2016, 7 to 9 pm
Venue: Accent Inns, Burnaby
3777 Henning Drive, Burnaby V5C 6N5 Tel: 604-473-5000

Topic



Robotic Submarines

Speakers: **Shane Jensen, P.Eng.**

Taylor Moore, P.Eng

International Submarine Engineering (ISE), Port Coquitlam, BC

The application of computerized machines to perform complex tasks autonomously and safely for humans is available in submarine piloting. The costs and risks involved for manned submarines are very high, and often impractical. The advancement of autonomous underwater vehicles (AUV's) or robotic submarines has been significant, and with these advancements come many new opportunities, including exploring areas of the ocean that have never been seen before. This presentation by Shane Jensen P.Eng of *International Submarine*



Engineering (ISE) here in Port Coquitlam, BC will touch on where these vehicles are being used, mainly focussing on AUV operations and the various applications of technology in the industry.



Shane Jensen's Bio.

Shane Jensen, P.Eng., has gained experience in the AUV industry, working at International Submarine Engineering (ISE) in Port Coquitlam. ISE has specialized in custom sub-sea robotic solutions and control systems for 40 years. At ISE, Shane focused on topics such as submarine design, vehicle stability, emergency response systems, and structural integrity at depths of up to 6000 meters (and pressures of 8500 psi). Although his primary focus is mechanical, he also has experience with control systems and vehicle specific applications.

Taylor Moore P.Eng is Project Manager & Systems Engineer for International Submarine Engineering which specializes in marine robotics. For four years, Taylor has worked on projects such as autonomous boats, underwater vehicles, and remotely operated marine vehicles; focus has been primarily in control system and automation design. ISE has developed vehicles around the world for oil & gas, defense, science, exploration, and mining applications, and Taylor has developed vehicles for a wide range of applications.



No Registration Required:

50 seats are available, *first-come-first seated*. This event is provided **free of charge**, includes a coffee/snacks table and welcomes all interested members and guests.

Excellent opportunity to network among multi-discipline engineers and others!

