

The INSTITUTE OF ELECTRICAL AND ELECTRONICS ENGINEERS, Inc.
Eastern Idaho Section
Idaho Falls Informal Seminar Meeting

TOPIC: ICIS/IEEE/ISA “Brew with the Crew” presents: Welcome to the Robot Revolution please wait . . .

SPEAKER: Doug Few, Idaho National Laboratory

DATE: Thursday, November 19, 2009

TIME: 4:30P.M.

PLACE: Brownstone, 455 River Parkway, Idaho Falls, Idaho

COST: Order your drinks from the menu. Light hors d'oeuvres provided by the crew organizers.

Abstract:

IEEE members make plans to join your colleagues for the May informal technical seminar series event “Brew with the Crew*” organized by the Idaho National Laboratory’s Instrumentation, Controls and Intelligent Systems (ICIS) Distinctive Signature, the Eastern Idaho Section of the Institute for Electrical and Electronics Engineers (IEEE) and the Idaho Falls branch of the International Society of Automation (ISA).

Welcome to the Robot Revolution please wait. In this talk Douglas Few will discuss the Idaho National Laboratory's Robotic and Human Systems Group's impetus in creating the Robotic Intelligence Kernel (RIK). He will discuss the process and experiences of creating a suite of generic behaviors that can be leveraged to a wide variety of unmanned ground vehicle missions as well as an overview of how the generic capabilities are being leveraged in creating state-of-the-art autonomous mine detection systems.

Biography:

Mr. Douglas Few obtained a B.S. in Computer Science from Keene State College in 2003. Currently Mr. Few is a Research Scientist at the Idaho National Laboratory. Mr. Few’s interests include human-robot interactions, and mixed-autonomy robotic systems. His current projects include a DOE Remote Sensing Lab funded effort to create a robotic system that executes paths drawn in an AutoCAD application, and a DARPA TTO/US Army’s Maneuver Support Center “Countermine Behaviors for Autonomous Robots” program.

*Brew with the Crew is an after work event, that takes place every third Thursday of the month at the Brownstone to provide an opportunity for instrumentation, control and intelligent systems researchers and practitioners to interact with others in their community.

***** VISITORS AND NON-MEMBERS ARE WELCOME *****

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