

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

TOPIC: ICIS/IEEE/ISA “Brew with the Crew” present: Haptic Welding and You
SPEAKER: Corrie Nichol, Ph.D., Member IEEE, Idaho National Laboratory

DATE: Thursday, May 21, 2009
TIME: 4:30P.M.
PLACE: Brownstone, 455 River Parkway, Idaho Falls, Idaho
COST: No cost. Light refreshments provided.

Abstract:

IEEE members make plans to join your colleagues for the May informal technical seminar series event “Brew with the Crew*” organized by the INL’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 Instrumentation Society of America (ISA).

Corrie Nichol will discuss advances in technology for video games that have made a broad array of haptic feedback devices available at low cost. This presents intriguing possibilities for use of haptic feedback for a variety of potential end uses, including robotic welding.

Biography:

Corrie Nichol, Ph.D. is a Research Engineer at the Idaho National Laboratory. He is the Principal Investigator on the Haptic Interface for Remote Arc Welding project. He was a key member of the design team for the welding and inspection robotic system for the Yucca Mountain Project Waste Package Closure System. He has also been involved with research on friction stir processing. Prior to joining INL, Dr. Nichol worked as an independent consultant on the Vecna Technologies BEAR robot

*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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