

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

**TOPIC:** **ICIS/IEEE/ISA “Brew with the Crew” presents:** Making cents of biomass-to-energy: Spinning straw into gold.  
**SPEAKER:** **Erin Searcy, Idaho National Laboratory**  
**DATE:** Thursday, June 17, 2010  
**TIME:** 4:30P.M.  
**PLACE:** Hard Hat Steakhouse and Grill, 1175 Pier View Drive (Snake River Landing), 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 INL’s Instrumentation, Controls and Intelligent Systems (ICIS) Distinctive Signature, the Eastern Idaho Section of the Institute of Electrical and Electronics Engineers (IEEE) and the Idaho Falls branch of the International Society of Automation (ISA).

This presentation will discuss the fundamentals of biomass supply and energy conversion, as well as biomass plant size optimization.

**Biography:**

Dr. Erin Searcy is an engineer and analyst in the Biofuels and Renewable Energy Technologies Department at the Idaho National Laboratory. She specializes in the techno-economic analysis and modeling of biomass-based energy systems, particularly woody biomass. She has several publications relating to biomass-based energy systems, including on LCA, system economics, sustainability, and plant optimization. Dr. Searcy has also worked as an engineering consultant, where she performed environmental impact assessments and designed water quality sampling programs, among other tasks.

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

Make your every third Thursday plans to attend the Brew with the Crew. The rest of the schedule:

July 15	David Gertman	How is Your Operator Resilient
August 19	To be announced	
September 16	Lee Shun	The Idiot’s Guide to Modeling: A Universal Plug-and-chug Machine for Model Creation
October 21	To be announced	
November 18	Miles McQueen	The Bad Guy in Cyber Security

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

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