



THE INSTITUTE OF ELECTRICAL AND ELECTRONICS ENGINEERS, INC.

IEEE CONNECTION

IEEE - SPOKANE SECTION
 P. O. BOX 7116, SPOKANE, WA 99207-0116
<http://ewh.ieee.org/r6/spokane/>

APRIL 2006

PRESENTATION

Date: **Wednesday, April 19, 2006**

Place: Conley's Place Restaurant
 12618 E. Sprague Ave.
 Spokane, Washington

Time: Social / Dinner (no host) 18:00 to 18:45
 Presentation 19:15

RSVP: **by April 18** to jimchen@ieee.org. Last minute walk-ins are welcome.

PRESENTER: **MICHAEL KIRSCH**

TOPIC: **Cellular Control Channels And Internet Technology As The Basis For A Bidirectional, Near-Real-Time M2M Monitoring And Control Platform.**

Brief Summary: Mike Kirsch will be presenting on the use of the cellular control channels and internet technology as the basis for a bidirectional, near-real-time M2M monitoring and control platform. As an example, an overview of the Site-Guard technology will be presented. This platform relies on the Aeris.net MicroBurst network which provides reliable, low-latency and cost-effective support for M2M applications throughout North America.

BIO: Michael Kirsch is a Senior Design Engineer at AC Data Solutions, Inc. of Post Falls, ID. He has co founded several Technology Development Companies and holds a Bachelor of Science Degree in Electrical Engineering from Gonzaga University.

In 1993, Mr. Kirsch formed KWK Technologies, Inc. to develop proprietary technologies and applications, and to serve in a consulting capacity for other companies. The Site-Guard technology, invented by Mr. Kirsch, is now manufactured and marketed exclusively through AC Data Solutions.

Spokane Section Student Paper Contest

- When:** **Wednesday, April 12, 2006**
- Where:** **Gonzaga University, Herak Center for Engineering
Herak Conference Room 246**
- Time:** 6:00 PM Pizza and Pop provided by the Spokane Section
6:30 PM Student Presentations
- Paper Deadline:** Friday, April 7, 2006 (midnight)
Email PDF or Word file to Kurt Niven at niven@coffman.com
- Judges:** Kurt Niven of Coffman Engineers
Esteban Rodriguez-Marek of Eastern Washington University
Glen Farmer of Avista Utilities
- Total Prize Money:** \$ 500.00
- Contact Information:** Dr. Vladimir A Labay at labay@gonzaga.edu

Please note that each Student Chapter is eligible to submit one paper to the Area Student Paper Contest to be held in Portland on April 29, 2006.

Vladimir A Labay, PhD

Chair of the Department of Electrical and Computer Engineering
502 East Boone Avenue, Spokane, WA 99258
509.323.3553



WORKSHOP

The Spokane Section of the IEEE is putting on a “Pole Loading Workshop” at the **Avista Corporation Jack Stewart Training Center, Spokane, Washington, which is located at 8307 N. Regal Street. This is a new site in comparison to the first few notifications about the location of the “Pole Loading Workshop.”** This two (2) day workshop will begin on April 19th at 1:00 p.m. and end on April 21st at 12:00 p.m. (noon). The cost of the workshop is \$950.00, and checks can be made out to IEEE, Spokane Section. If you are interested in attending the workshop, please contact Karen Kusel of Avista Utilities. Her address and contact information is as follows:

Karen Kusel
Avista Utilities, MSC-5
1411 East Mission
P.O. Box 3727
Spokane, Washington 99220-3727
(509) 495-4109 (W)
(509) 495-4796 (F)
Email: karen.kusel@avistacorp.com

The person doing the presentation at the "Pole Loading Workshop" also has a software program for determining pole loading, among other software programs. The basic software program for determining pole loading is included in the cost of the class.

The website link for the pole loading and other software programs is as follows:

<http://www.linedesignengineering.com/>

For any further details, contact:

Chuck Frandrup, P.E.
Pend Oreille County Public Utility District
Director, Construction & Engineering
509- 447-9332 (W)
509-447-5824 (Fax)
cfrandrup@popud.com

HELP WANTED IN SPOKANE

CRYSTALFONTZ AMERICA in Spokane Valley has a job opening for an entry-level electrical engineer. To apply, please use the email address listed in the announcement http://www.crystalfontz.com/contact/EE_job_announcement.pdf. No walk-ins or phone calls, please.

2006 SPOKANE SECTION EXECUTIVE BOARD COMMITTEE MEMBERS

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Pullman Chapter Electronics		

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