

2009/2010 PROGRAM

January 21, 2010, Dinner Meeting

Sponsored by ISL and Williams Engineering

"Wind Energy – An Industry Update" *by Peter Bubik, P.Eng.*

Abstract:

The talk will provide a brief introduction to wind power including: technology description; steps in wind power project development; and world wide statistics.

Current issues and challenges will be discussed such as:

- Pros and cons of wind power
- Health and environment issues
- Grid and integration issues
- Economic and political issues

Finally, looking forward, the use of wind power in Alberta, Canada and internationally will be discussed.

About the Speaker:

Peter has 10 years of experience with renewable energy projects (wind and small hydro) with 7 years working exclusively on wind energy projects. He has been involved in front-end engineering, feasibility studies, site selection, tower erection, data collection, wind resource modeling, turbine selection and procurement, and project management. Peter's engineering skills include the ability to specify, install, program and operate wind monitoring towers; conducting noise modeling and wind farm noise optimization; generating layouts for wind farms and estimating their power output; generating wind farm visualizations for public consultation process; complete permitting process for new wind plant installations; turbine technology selection and evaluation; and economic modeling.

Schedule

This Dinner Meeting will be held at the Blackfoot Inn (5940 Blackfoot Trail SE)

Dinner Meeting Schedule:

Registration – 5:30 pm
 Dinner – 6:30 pm
 Presentation – 7:15 pm
 Closing remarks – 8:30 pm

Dinner Meeting Rates:

Students – \$10.00
 CSCE Members – \$25.00
 Non-Members – \$35.00
 Season Pass – \$125.00

Other Upcoming Events:

Thursday February 18, 2010

Solar Decathlon
by David Silburn, SAIT Polytechnic
 Partner: AAA

Also: Annual Graduate Student Poster Contest

Thursday March 18, 2010

Construction Shoring
by Douglas Pelly, P.Eng., Golder Associates Ltd.
 Partner: CGS

Thursday April 15, 2010

Hydrotechnical Engineering
by Willem Veldman, P.Eng., Matrix Solutions Inc.
 Partner: CEA

CALGARY



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Please register your attendance
 online at

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 at least one day prior to event.

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