

# 2009/2010 PROGRAM

## February 18, 2010, Dinner Meeting

Sponsored by Thurber Engineering and the  
University of Calgary  
Partnering with SAIT Polytechnic

### **"Solar Decathlon"** *by David Silburn, MArch*

#### Abstract:

The Solar Decathlon is a high-profile, international competition in which 20 selected teams of university and college students from around the globe compete to design, build and operate the most attractive, practical and energy-efficient solar-powered home.

The event is primarily sponsored by the US Department of Energy and includes a decathlon of 10 individual contests for the students and their homes. It takes place biannually in October on the National Mall in Washington, D.C. The teams' houses and the sponsors' educational exhibits form a solar 'village.' The public, media, industry representatives and invited dignitaries tour the homes and exhibits and learn about the powerful combination of solar energy, energy efficiency and the best in home design.

#### About the Speaker:

David is the Research Associate of Green Building Technologies at Southern Alberta Institute of Technology (SAIT) Applied Research Department.

In his role at SAIT, David acts as the construction manager and technical consultant for the Discovery 4 Avalon Master Builder Net Zero house. David's recent work as Project Architect and construction shift lead for the Alberta Solar Decathlon SolAbode house was represented at the Department of Energy, Solar Decathlon competition in Washington D.C., where the team placed 6th out of 20 international entries.

David is a Building Canada green building consultant and intern architect graduating from the Faculty of Environmental Design, University of Calgary.

**Please register your attendance  
online at  
[www.cscecalgary.ca](http://www.cscecalgary.ca)  
at least one day prior to event.**

#### **Schedule**

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

Dinner Meeting Schedule:  
Poster Competition – 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 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

**The U of C Graduate Student  
Poster Competition will take  
place between 5:30 pm and  
6:30 pm.**

Come out early and learn about the research currently undertaken at the University of Calgary. The Poster Competition is sponsored by the U of C's Department of Civil Engineering

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