

# 2010/11 PROGRAM

## NOTICE OF FORTHCOMING EVENT

The Canadian Society for Civil Engineering  
La Société canadienne de génie civil

CALGARY



### **Friday, October 15, 2010 Luncheon Talk**

#### ***"Chile Earthquake 2010: Observations and Lessons"***

*by Carlos Ventura, Ph.D., P.Eng.,  
Professor and Director of Earthquake Engineering  
University of British Columbia*

The massive magnitude 8.8 Chile Earthquake of February 2010 resulted in significant loss of lives and damage to civil and transportation infrastructure. It could have been worse. Chile is a modern South American country with a good awareness of their earthquake and tsunami risks and has structural codes that reflect this. With a subduction zone just off Chile's shore very similar to the one off Canada's west coast, this was a unique opportunity for Canadian scientists and engineers to observe and learn.

The speaker was a member of the Canadian Association of Earthquake Engineering's Reconnaissance Team that spent 7 days and drove over 2,000 km in Chile the week after the earthquake. The speaker will present background on the similarities and differences between Chile and BC; observations of the performance of the ground and the infrastructure; and the lessons learned.

The presentation will include seismicity, bridges, buildings, and geotechnical aspects of the earthquake.

#### **About the Speaker**

Dr. Ventura specializes in structural dynamics and earthquake engineering. He has been a faculty member of the Department of Civil Engineering at UBC since 1992. He is currently the Director of the Earthquake Engineering Research Facility (EERF) at UBC. He is a member of several national and international professional societies and advisory committees. His current research is focused on the development of performance-based guidelines for seismic retrofit of schools.

The CSCE is a learned society intended to develop and maintain high standards of civil engineering practice in Canada and to enhance the public image of the civil engineering profession.

#### **LOCATION:**

**DANISH CANADIAN  
CLUB**

**727-11th Avenue SW,  
Calgary**

**Registration – 11:30 am  
Buffet Lunch – 11:45 am  
Presentation – 12:15 pm  
Final Remarks – 1:00 pm**

#### **COST:**

**\$30 CSCE Members  
\$40 Non-members  
\$15 Students**

**Please register your  
attendance and indicate  
any dietary  
requirements at  
[www.cscecalgary.ca](http://www.cscecalgary.ca)  
at least two days prior  
to event.**

#### **Calgary Section Executive:**

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CSCE Calgary Section: c/o APEGGA, 2200 Scotia Centre, 700 – 2 Street S.W.,  
Calgary, Alberta T2P 2W1 Tel: (403) 262-7714 Fax: (403) 269-2787  
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