

2007/2008 PROGRAM

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



A Member Society
of The Engineering
Institute of Canada

NOTICE OF FORTHCOMING EVENT

Wednesday, February 27, 2008

Luncheon Presentation

Sponsored by Con-Force

***"The Concorde Bridge, Quebec:
Causes of the Collapse – Lessons Learnt"***

by

***Drs. A. Ghali and R.B. Gayed
from the University of Calgary***

Abstract:

In September 2006, a portion of the Boulevard de la Concorde overpass suddenly fell over Autoroute 19 in Laval, resulting in the death of five people and causing injuries to six others. As part of the committee of inquiry, Dr. Ghali in collaboration with Dr. Gayed studied the causes of collapse. A description of the structural system and its analysis will be presented. Why did the collapse occur after 36 years of its construction, while it carried almost no live load? The presentation will attempt to answer this question and will discuss the lessons to be learnt from this catastrophic event.

Biographical notes:

Amin Ghali is professor emeritus of civil engineering, specializing in structural analysis and design. In addition to his numerous technical papers, he is joint author of several books on: Structural Analysis, Serviceability of Concrete Structures and Circular Storage Tanks and Silos.

Ramez B. Gayed is a research associate at the Civil Engineering Department, University of Calgary. His research interests include: structural analysis, shear in concrete elements and seismic design.

Please register your attendance (and indicate any dietary requirements) with APEGGA Tel 403-262-7714 at least one day prior to event.

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

Visit our local
web site at:
cscecalgary.ca

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
till 1 pm**

COST:

**\$25 CSCE Members
\$35 Non-members
\$10 Students**

Other Upcoming Events:

Thursday, March 20, 2008

**Dinner Talk: Shepard
Stormwater Diversion Project**

Thursday, April 17, 2008

**Dinner Talk: Golden Ears
Transportation & Bridge Project**

Calgary Section Executive:

Chair: Dan Dankewich
Vice Chair: Erin Dvorak
Secretary: Alana Getty
Treasurer: Andrew Boucher

Our Sponsors:

Halcrow Yolles



**Westhoff
Engineering
Resources, Inc.**
Land & Water Resources Management Consultants

