



### *John Adjeleian Lecture*

The John Adjeleian lecture was established in 2003 in honour of the late Professor Emeritus, John Adjeleian. It serves to acknowledge his outstanding contributions to Carleton University and to the profession of civil engineering. The annual lecture celebrates the standard of excellence exemplified by Professor Adjeleian and highlights outstanding achievements in professional practice, education and research that have advanced the field of civil engineering. The 2017 lecture will be the 13<sup>th</sup> in the series.

#### *Synopsis of the Lecture*

The presentation deals with both policy and technical issues related to sustainable development and Canada's infrastructure crisis. A National Infrastructure Policy, including the creation of an infrastructure bank is proposed as a possible solution. The challenges inherent in the implementation of such policy are discussed.

The technical solutions are based on the outcome of a research program that integrates sustainability and durability in the design of any infrastructure asset, subjected to the various mechanical, natural, and man-made loads and a changing aggressive environment, and considers the performance of the various materials, the structural components and the structure over the entire design service life.

*\*Student project posters from the Department of Civil and Environmental Engineering will be displayed in Richcraft Hall's Atrium starting at 3:30 pm.*

Professor Emeritus Saeed Mirza of McGill University is regarded as an outstanding engineer with a unique vision for the future, and is an excellent researcher and educator who has made a tremendous impact on many infrastructure issues. He has lobbied strongly for the renewal of Canada's deteriorating infrastructure and has dealt with related technical, environmental, socio-economic, and financial, management and policy issues.

Winner of several awards for outstanding teaching, research and professional contributions, he is considered a world authority on structural concrete behaviour and design of sustainable infrastructure. He has published extensively in journals and has coauthored books, special publications and reports on these topics.

# The 2017 John Adjeleian Lecture

Tuesday, April 11 5:30 pm

The Department of  
Civil and Environmental Engineering



**Carleton**  
UNIVERSITY

Canada's Capital University

The Department of Civil and Environmental Engineering  
cordially invites you to the:

### ***2017 John Adjeleian Lecture***

## **Canada's Infrastructure:** *A Possible Sustainable Solution*

***By: Saeed Mirza***

*Professor Emeritus, Department of  
Engineering and Applied Mechanics  
McGill University*

**Tuesday, April 11, 2017 - 5:30 pm**  
Room 2200, Richcraft Hall (formerly River  
Building), Carleton University

### **Reception to follow**

Please register by March 31, 2017 online at  
[carleton.ca/engineering-design/events](http://carleton.ca/engineering-design/events)  
or by phone at 613-520-2600 ext. 5784