



2017/2018 Executive Committee

Masoud Manzari – Chair
Lucie Clatworthy – Special Event and Secretary
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2017 CGS-SOS Dinner Lecture
EUROCODE 7: An Accidental Design Code?

Wednesday, September 20, 2017

St. Bernard Church, 1789 Lawrence Ave W, Toronto, ON, M6L 1E3 (<https://goo.gl/maps/66Eah9RwiFv>)

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|-------------------------|----------------|----------------------------------|
| Evening Program: | 5:30 PM | Cocktails and Socializing |
| | 6:30 PM | Dinner |
| | 7:30 PM | Lecture |

Abstract: EN1997 Geotechnical Design, often familiarly referred to as Eurocode 7, has been in wide use worldwide for almost a decade and is now undergoing a period of significant revision. The revised Code is due to be published in 2020. However, in some respects the existence and form of the Code can humorously be considered to be the result of a series of accidental decisions. This presentation will begin with an outline of the political historical background to the Code, and indicate how political and technical decisions -- both deliberate and accidental -- taken over many years, together with what seems to be some fundamental misconceptions, have led to the current Code. Following this the revision process will be described, in order to offer insight into how some of the results of the accidental decisions are being corrected and how some will be perpetuated. To conclude, a brief summary will be given of the improved and new features the revised Code may contain and how these may affect the application of the Code in the coming decade.

Speaker: **Dr. John Harrison** holds the W.M. Keck Chair of Engineering Rock Mechanics in the Department of Civil Engineering at the University of Toronto. Professor Harrison received his B.Sc. degree in Civil Engineering and M.Sc. degree in Engineering Rock Mechanics from Imperial College London, and his PhD degree in Engineering Rock Mechanics from the University of London, UK. He has been a UK Chartered Engineer and member of the Institution of Civil Engineers since 1984. He joined the University of Toronto in 2010, and for about the past decade his research has focused on uncertainty quantification in rock mechanics and the development of reliability based design in rock engineering. He is currently convenor of the CEN Task Group on improving the applicability of Eurocode 7 to rock engineering design, and is the chairman of the ISRM Commission on the Evolution of Eurocode 7.

**The Canadian Geotechnical Society
Southern Ontario Section
Toronto Group**



**La Société Canadienne de Géotechnique
Section Sud de l'Ontario
Groupe de Toronto**

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The location of the venue and available parking lots is presented below.



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|--|---------|---|
| CGS Members/Government Employees – Early Bird: | \$30.00 | <p>*Students: Please note that a limited number of tickets are available.</p> <p>Student Sponsors, who subsidize CGS-SOS events, will be recognized at the Dinner Lecture. Please purchase student sponsorships on Eventbrite to contribute to this worthwhile initiative and your company will be recognized at the event. We thank you for your support!</p> |
| CGS Members/Government Employees: | \$40.00 | |
| Non-Members – Early Bird: | \$35.00 | |
| Non-Members: | \$45.00 | |
| Student: | \$15.00 | |

Please confirm your attendance by September 8, 2017, 11:30 PM to qualify for the Early Bid price or by September 15, 11:30 PM, using Eventbrite: <https://www.eventbrite.ca/e/september-20-2017-cgs-sos-dinner-lecture-eurocode-7-an-accidental-design-code-15-hours-peo-peak-tickets-37213270895>

This event will be booked solely through Eventbrite.

If you have difficulties using Eventbrite, please contact Veronica Ayetan (Veronica.Ayetan@ontario.ca) for assistance.

Visit the CGS-SOS website at: www.cgs-sos-toronto.com