

# SEABC Annual General Meeting, Dinner & Presentation



<b>Date:</b>	Thursday - March 10, 2016
<b>Venue:</b>	Sutton Place Hotel, 845 Burrard Street, Vancouver
<b>Time:</b>	5:30pm
<b>Cost:</b>	\$40+GST (SEABC Members), \$100+GST (Non-Members)
<b>AGM:</b>	Address from SEABC President and 3-course dinner
<b>Keynote:</b>	Tristram Carfrae, RDI MA FEng FTSE FIEAust MISTructE Deputy Chairman and Fellow at Arup, London, UK
<b>Registration:</b>	<a href="http://www.seabc.ca/agm">www.seabc.ca/agm</a> or use attached mail-in form

Keynote Presentation:

## Designing with Computers

*It is relatively common to hear the senior members of our profession exhort our more junior members to “stop using computer models”, particularly early in the design process. However, a computer analysis programme is really just a superior calculator (slide rule or log table)! Then why shouldn't they be used by engineers to get a fast appreciation of the structural behaviour of their idea? And what is it about making a quick sketch and a hand calculation that makes it so more informative than a computer model - which is replete with stresses, deflected shapes, loads, reactions and many other informative results?? Surely what we really want is the wise use of computer models, even early in the design process. A virtual exploration of the design space, many models of different complexity, cross checking for fundamental structural behavior, sensitivity studies against various input parameters ... to name a few of the different strategies available. I think that our senior members should try and learn the capabilities of modern computing so that they can teach their colleagues how to get the most out.*

*Tristram's passion to extrude the best in efficiency, elegance and form is displayed by his bold approach to tackle and overcome the oft-overlooked basic inhibitions. His presentation will centre on the wise use of computer models as an inherent part of the design process revealing how it can be used effectively early in design to explore structural behavior, conduct sensitivity studies, and innovate enroute. Tristram believes that structural engineers should continue to understand modern computer modelling so that they can obtain the most benefit from its many capabilities.*



Beijing Olympics Aquatics Centre



Singapore's Double Helix Bridge



Melbourne's AAMI Park Stadium

**Tristram Carfrae** is an Arup Fellow and Deputy Chairman at Arup. A Fellow of the Royal Academy of Engineering, he is recipient of the most prestigious GOLD Award in 2014 from the Institution of Structural Engineers.

Regarded internationally as a leading engineer, Tristram has been responsible for many award-winning structures, including the Beijing Olympics Aquatic Centre, Singapore's Marina Bay double helix bridge, and the AAMI Park Stadium in Melbourne, to name a few.

In collaborating with some of the world's best architects, Tristram has the reputation for challenging the established way of doing things; for exploring better solutions; and moulding both materials and people to his vision. He believes that good buildings should consume less materials, energy, time and money; while at the same time being beautiful and providing greater amenity for society.





Structural Engineers Association of British Columbia

Mail-in Registration Form:  
AGM, Dinner, & Presentation  
March 10, 2016

You can also register online!  
[www.seabc.ca/agm](http://www.seabc.ca/agm)  
(secure credit card payment via PayPal)

**Contact Information:**

Name of Company or Individual \_\_\_\_\_  
(Receipt will be issued in this name to email provided below)

Street Address \_\_\_\_\_ City, Province \_\_\_\_\_ Postal Code \_\_\_\_\_

Telephone \_\_\_\_\_ Email (receipt will be issued to this email address) \_\_\_\_\_

**Registration Fees:**

REGISTRATION DEADLINE February 28, 2016

Name(s) of Attendee(s)	SEABC Membership Number (Required for Member discount)	SEABC Member \$40	Non-Member \$100	Fees
1. _____	_____	<input type="checkbox"/>	<input type="checkbox"/>	\$ _____
2. _____	_____	<input type="checkbox"/>	<input type="checkbox"/>	\$ _____
3. _____	_____	<input type="checkbox"/>	<input type="checkbox"/>	\$ _____
4. _____	_____	<input type="checkbox"/>	<input type="checkbox"/>	\$ _____
5. _____	_____	<input type="checkbox"/>	<input type="checkbox"/>	\$ _____
6. _____	_____	<input type="checkbox"/>	<input type="checkbox"/>	\$ _____

Check one box per attendee

**SUBTOTAL:** \$ \_\_\_\_\_

**ADD 5% GST** \$ \_\_\_\_\_

Three-course plated dinner is included.  
Please indicate any special dietary requirements.

**TOTAL (PAYMENT ENCLOSED)** \$ \_\_\_\_\_  
Cheque payable to SEABC

Please make cheque payable to SEABC  
**Mail this form and cheque to:**  
**SEABC**  
**#201-288 West 8th Avenue**  
**Vancouver, BC V5Y 1N5**  
[Contact: agm@seabc.ca](mailto:agm@seabc.ca)

Registration will be confirmed via e-mail. Registration cannot be guaranteed if received after February 27, 2016.  
An administration fee of \$25 will apply to any cancellations received by February 27, 2016. No refunds given after February 27, 2016.



# Structural Engineers Association of BC

## 2016 Annual General Meeting

March 10 2016, 5:30pm  
Sutton Place Hotel, 845 Burrard St.

## SPONSORSHIP INFORMATION

Sponsors will be recognized in a looping PowerPoint slideshow that will display projects and information from sponsoring companies. This slideshow will appear on the main projection screen at the front of the room, whenever other presentations are not being made, throughout the evening.

The sponsorship formula is as follows:

\$500 for 4 slides (max.)

**The sponsorship roster will be limited to 10 companies on a first-come first-served basis.** Please respond soon if your company is interested!

Please submit your PowerPoint slides or digital photographs by email to [agm@seabc.ca](mailto:agm@seabc.ca) by **Mar 4, 2016**. Please limit total size of attachments to 15MB per email. We recommend for following information be provided on each slide:

- Company name,
- Company logo,
- Project name for each photo

Sponsorship payment should be by cheque, payable to SEABC. Please mail cheques along with Sponsorship Form (next page) to:

SEABC  
#201-288 West 8th Avenue  
Vancouver, BC V5Y 1N5

For additional information about sponsoring this event contact Melanie Fung:  
[agm@seabc.ca](mailto:agm@seabc.ca)

*Thank you for supporting the Structural Engineers Association of British Columbia!*



# Structural Engineers Association of BC

## Annual General Meeting Sponsorship Form

Company Name: \_\_\_\_\_

Contact Name: \_\_\_\_\_

Street: \_\_\_\_\_

City, Province: \_\_\_\_\_

Postal Code: \_\_\_\_\_

Telephone: \_\_\_\_\_

Email: \_\_\_\_\_

(Receipt will be issued to the above email address)

Number of Slides to be submitted (4 max): \_\_\_\_\_

Sponsorship fee enclosed: \_\_\_\_\_ \$500 \_\_\_\_\_  
(cheque payable to SEABC)

*Thank you for supporting the Structural Engineers Association of British Columbia!*