



Practice Area: Construction  
Training Level: Update  
CPD Points: 1 Public CPD Point



## **STRUCTURAL FAILURE AND THE ROLE OF FORENSIC ENGINEERING IN LEGAL DISPUTES**

*Tuesday, 9 April 2013, 5.00 - 7.30PM*  
*FTSE Room, Level 9, Capital Tower, 168 Robinson Road, Singapore 068912*

### **About this Seminar:-**

The presentation will discuss the role of forensic engineering in the provision of expert witness services in construction disputes. It examines some of the common ways structural experts fail to provide quality services, before focusing on the specific issue of a lack of forensic expertise on the part of the expert.

It introduces forensic structural engineering, charts its rise as a speciality in response to the significant number of structural failures in the U.S. in the 70s and 80s, and discusses the current status of the forensic profession internationally. The significant differences between the forensic and, more traditional, design engineer are examined, and the limitations of approaching failure investigations without the benefit of forensic expertise discussed. The presentation concludes with practical guidance for legal teams seeking to ensure expert witnesses approach their brief in a manner that is independent, transparent, and forensically sound.

### **Seminar Programme:-**

5.00-5.30pm	Registrations & Networking for Delegates
5.30-5.45pm	Opening Remarks by Seminar Chairman: <i>Mr. Rama Venkta – Council Member, SCL (Singapore); Director Rail Group, Land Transport Authority, Singapore</i>
5.45-7.00pm	Structural Failure and the Role of Forensic Engineering in Legal Disputes <i>Dr. Sean Brady - Managing Director, Brady Heywood, UK &amp; Australia</i>
7.00-7.30pm	Q&A Session

### **About the Speaker:-**

#### ***Dr. Sean Brady - Managing Director, Brady Heywood, UK & Australia***

He is a forensic structural engineer specialising in identifying the cause of structural engineering failures, defects, and unsatisfactory performance in steel and concrete structures. He has provided forensic services to a wide range of international and national clients, such as Rio Tinto, Caltex, Bechtel, and various Law firms.

Sean has a special interest in the application of forensic engineering to the legal process. He is a practising Chartered Professional Engineer, a member of the Society of Construction Law Australia, and a member of the Editorial Board of the ASCE Journal of Performance of Constructed Facilities.

### **About the Chairperson:-**

#### ***Mr. Rama Venkta – Council Member, SCL (Singapore); Director Rail Group, Land Transport Authority, Singapore***

He is the Project Director with the Rail Group of the Land Transport Authority (LTA). Through the 18 years he has been with LTA, Rama has gained hands-on project management experience in managing large scale Civil Engineering works for both above-ground and underground rapid transit structures. These include the Woodlands MRT Line (1996), the Bukit Panjang LRT System (1999), the Station Upgrade Project (2004) and the more recently completed Circle Line MRT Stage 5 (2011).

He is currently overseeing one of the most challenging sections of the new Downtown Line Stage 3 from Chinatown to Kallang Bahru, weaving through the heart of the city from River Valley towards Bencoolen and Jln Besar. His primary role as the owner's project representative is to ensure that the key project objectives are met through effective project control and proper governance.



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Seminar

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<b>REGISTRATION CLOSING DATE: <u>2 April 2013</u></b>	<b>FEES</b> (includes refreshments & materials, if any)
<b>SCL (Singapore) Members</b>	<b>S\$35.00</b>
<b>Guests of SCL Members, Members of international SCLs,          Members of: Chartered Institute of Arbitrators (Singapore) Ltd (CIArb), Chartered Institute of Building (CIOB), Lighthouse Club (Singapore) (Lighthouse), Royal Institution of Chartered Surveyors (RICS), Singapore Contractors Association Ltd (SCAL), Singapore Institute of Architects (SIA), Singapore Institute of Arbitrators (SIArb), Singapore Institute of Surveyors and Valuers (SISV), Tunneling and Underground Construction Society (Singapore) (TUCSS)          Full Time Students &amp; Faculty of NUS Faculty of Law</b>	<b>S\$70.00</b>
<b>Others</b>	<b>S\$90.00</b>

Please return the registration form below, together with your cheque, if applicable, made payable to "Society of Construction Law (Singapore)", Level 16, Malacca Centre, 20 Malacca Street, Singapore 048979" or Fax to (65) 31273797.

**REGISTRATION, REFUND & CANCELLATION POLICY**

1. Places are limited and can only be allocated in order of priority upon receipt of registration and any payment due.
2. We regret that we generally do not issue invoices or accept payments at the event.
3. Refunds for cancellation are not possible after the registration closing date.
4. We reserve the right to refuse to register or admit any participant, and to cancel or postpone the event.

**For further enquiries, please contact the SCL (SINGAPORE) SECRETARIAT**

Tel & Fax: 31273797 (no 6 prefix required)      E-mail: [secretariat@scl.org.sg](mailto:secretariat@scl.org.sg)

You may also [register online](http://www.scl.org.sg) for this event on our website at [www.scl.org.sg](http://www.scl.org.sg)

### REGISTRATION FOR SCL (SINGAPORE) MEMBERS & THEIR GUESTS *(Please use 1 form per Member)*

Name: \_\_\_\_\_ NRIC/Passport No.: \_\_\_\_\_ SCL Membership No.: \_\_\_\_\_

Tel: \_\_\_\_\_ Fax: \_\_\_\_\_ E-mail: \_\_\_\_\_

- I will be attending and I enclose my payment of \$35.00. *(A valid email address is required for confirmation of registration.)*
- Check if CPD points are required\*\* AAS no. \_\_\_\_\_ *(for practicing lawyers requiring SILE CPD points)*
- Please reserve \_\_\_\_\_ seats for my guests and I enclose payment of \$70.00 per guest. My guest(s) are:

Name(s)	Organisation	**Check if CPD Points are required	AAS No.	Email

I enclose a cheque for SGD \_\_\_\_\_ made payable to "Society of Construction Law (Singapore)".

### REGISTRATION FOR NON-SCL (SINGAPORE) MEMBERS *(Please use 1 form per registrant.)*

I am a: *(Please select as appropriate.)*

- SCL Mbr:** \_\_\_\_\_ *pls state branch*  
  **CIArb Mbr**  
  **CIOB Mbr**  
  **Lighthouse Mbr**  
  **RICS Mbr**  
 **SCAL Mbr**  
  **SIA Mbr**  
  **SIArb Mbr**  
  **SISV Mbr**  
  **TUCSS Mbr**  
  **Full Time NUS Law Student/NUS Law Faculty**  
  **Others**

Name (Dr/Mr/Mrs/Miss/Mdm): \_\_\_\_\_

Name and Address of Organisation: \_\_\_\_\_

Position in Organisation: \_\_\_\_\_ NRIC/Passport No: \_\_\_\_\_

Membership No: \_\_\_\_\_ *(Mandatory to process registration. Please check with your respective membership body.)*

- Check if CPD points are required\*\* AAS no. \_\_\_\_\_ *(for practicing lawyers requiring SILE CPD points)*

Tel: \_\_\_\_\_ Fax: \_\_\_\_\_ Email: \_\_\_\_\_

*(A valid email address is required for confirmation of registration.)*

I enclose a cheque for SGD \_\_\_\_\_ made payable to "Society of Construction Law (Singapore)"

\*\*Attendance Policy applies. For more information on the CPD Scheme, please visit [www.silecpdcentre.org.sg](http://www.silecpdcentre.org.sg)