Dear Sir/Mdm

Protective Technology Research Centre and VSL Singapore are co-organising the following half-day seminar (free admission).

Please send an email to d.ptrc@ntu.edu.sg (with your name, designation, and name of organisation) before 20 Oct to register. Thanks.

Seminar:
**From British Code to Euro Codes - Post-Tensioned Design in Buildings**
By Er Max MEYER – Group Technical Officer, VSL International
http://www.vsl.com/
http://www.vsl-sg.com/

**Date:** 30 Oct 2015, Friday  
**Time:** 9.00am to 12.30pm (Tea Break at 10.30am)  
**Venue:** CEE Seminar Room A  
Block N1, Level B1, N1-B1b-06 Map (Block N1)  
School of Civil and Environmental Engineering (CEE)  
Nanyang Technological University  
**Carparks nearer Block N1:** Carpark D and Carpark A

**Synopsis**
The Building and Construction Authority has introduced the Euro Codes as Singapore’s building code on 1 April 2015. With VSL’s origin and extensive network in Europe, VSL Singapore is co-organising this seminar with PTRC to share its work experience designing to the Euro Codes. Post-tensioned concrete design in building works will be discussed and worked examples illustrated, where appropriate.

**Objectives**
Design specifics, detailing of post-tensioning works and relevant hard wares to comply with Euro Codes will be highlighted. An example of a warehouse floor design comparing BS 8110 & EC2 will be briefly discussed.

**PDUs:** Pending from PEB

<table>
<thead>
<tr>
<th>Time</th>
<th>Schedule</th>
</tr>
</thead>
<tbody>
<tr>
<td>9:00 - 9:15</td>
<td>Slide Presentation on VSL's PT jobs</td>
</tr>
<tr>
<td>9:15 - 10:30</td>
<td><strong>Presentation 1</strong></td>
</tr>
<tr>
<td></td>
<td>(1) Prestressing</td>
</tr>
<tr>
<td></td>
<td>a) Structural Effects of Prestressing</td>
</tr>
</tbody>
</table>
b) Partial Prestressing Concept

c) Corrosion Protection of Prestressing Steel

(2) Why to Prestress Building Floors

(3) Design Specifics when Designing and Detailing Prestressed Floors In Buildings

(4) PT Hardware for Prestressing in Buildings

10:30 - 10:55  Tea Break

10:55 - 12:10  Presentation 2

(1) Design/Detailing of a Warehouse Floor Comparing BS 8110 & EC2

(2) Use of PT in Transfer Plates, Vertical Members & Foundations

12:10 - 12:30  Question & Answer

12:30  End of Programme

More about the Speaker:

Er Max MEYER obtained his Master Degree in Civil Engineering, from ETH Zurich (Federal Institute of Technology Zurich, Switzerland) in 1982. He has been practising as a Professional Engineer in Singapore since 1991. He has served as a member of SIA (Swiss Engineers and Architects Association), and in IABSE (International Association for Bridge and Structural Engineering). With over thirty years engineering design experience, Er Meyer is presently Group Technical Manager of VSL International and Manager of VSL’s Technical Centre Asia in Singapore, providing technical support to VSL companies in the global network of over 30 countries. His areas of activities include feasibility studies, conception and final designs, costing and methods for prestressed buildings, bridges, circular storage structures, formwork systems, erection equipment for bridge construction, etc.

Regards
Debbie Low
For Protective Technology Research Centre
Tel: 6790 5285
NTU-VSL Joint Seminar on
From British Code to Euro Codes – Post-Tensioned Design in Buildings

Synopsis
The Building and Construction Authority has introduced the Euro Codes as Singapore’s building code on 1 April 2015. With VSL’s origin and extensive network in Europe, VSL is co-organising this seminar with PTRC to share its work experience designing to the Euro Codes. Post-tensioned concrete design in building works will be discussed and worked examples illustrated, where appropriate.

Objectives
Design specifics, detailing of post-tensioning works and relevant hardwares to comply with Euro Codes will be highlighted. An example of a warehouse floor design comparing BS 8110 & EC2 will be briefly discussed.

Speaker
Er Max Meyer obtained his Master Degree in Civil Engineering, 1982, from ETH Zurich (Federal Institute of Technology Zurich, Switzerland). He has been practising as a Professional Engineer in Singapore since 1991. He has served as a member of SIA (Swiss Engineers and Architects Association), and in IABSE (International Association for Bridge and Structural Engineering). With over thirty years engineering design experience, Er Max Meyer is presently Group Technical Manager of VSL International and Manager of VSL’s Technical Centre Asia in Singapore, providing technical support to VSL companies in the global network of over 30 countries. His areas of activities include feasibility studies, conception and final designs, costing and methods for prestressed buildings, bridges, circular storage structures, formwork systems, erection equipment for bridge construction, etc.

Date: 30 October 2015 (Friday)
Time: 9.00am to 12.30pm (Tea Break at 10.30am)
Venue: CEE Seminar Room A, Block N1, Level B1, N1-B1b-06
School of Civil and Environmental Engineering (CEE), Nanyang Technological University