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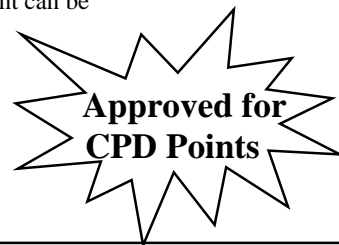
Please confirm your attendance by email or phone or fax before
13 August 2008 to:

Email : shan@vlsi.eng.ukm.my / neshanmugam@yahoo.com /
mohdreza@vlsi.eng.ukm.my

Phone : 03-8921 6213 / 03-8921 6217 / 03-8921 6225

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Note : RM 20/- will be charged towards the expenses
for refreshment and handouts. Payment can be
made on the day of the seminar.



**Seminar on
Design of Steel Beams to BS5950 – 1: 2000**



Speaker :

Professor NE Shanmugam

Venue:

Engineering Faculty Meeting Room
Universiti Kebangsaan Malaysia, Bangi, Selangor

**Thursday 14 August 2008
9.00 am – 12.00 pm**

Organised by

Department of Civil and Structural Engineering
Universiti Kebangsaan Malaysia, Bangi

PROGRAMME

09.00 – 09.15 : Registration

09.15 – 09.30 : Welcome Address

Associates Professor Ir. Dr. Zamri Chik

09.30 – 10.30 : Design of Steel Beams to BS5950 – 1: 2000

Professor Dr. N. E. Shanmugam

10.30 – 11.00 : Coffee Break

11.00 – 12.00 : Design of Steel Beams to BS5950 – 1: 2000

Professor Dr. N. E. Shanmugam

SPEAKER

Professor NE Shanmugam

BE, MSc(Eng), PhD, CEng, FStructE, FASCE, FRINA, FIES, FIEI, FSSSS

Professor N E Shanmugam is currently a Professor with the Department of Civil and Structural Engineering, Universiti Kebangsaan Malaysia. He has taught in University of Madras, Delhi University, University of Wales (Cardiff), Polytechnic of Wales and National University of Singapore at undergraduate and graduate levels for more than 40 years. His research interest includes steel plated structures, steel-concrete composite construction, long-span structures and connections, cold-formed steel structures, elastic and ultimate load behaviour of steel structures, etc. He is a co-recipient of the George Stephenson Medal from the Institution of Civil Engineers, London. He has published more than 200 papers in international journals and conference proceedings, edited three conference proceedings, edited a two-volume book “Analysis and Design of Plated Structures” and co-authored four chapters in Handbooks. He is a member of the editorial boards of Journal of Constructional Steel Research, Journal of Thin-Walled Structures, Bridge Engineering – Proceedings of the Institution of Civil Engineers, International Journal of Steel Structures, International Journal of Steel and Composite Structures, I E S Journal of Civil and Structural Engineering and International Journal of Structural Stability and Dynamics. He is a Member-at-Large of the Structural Stability Research Council (SSRC), USA. He is active professionally by providing advisory services and organizing courses at basic and advanced levels on steel structures to practicing engineers.

SYNOPSIS

The limit state design code for building structural steelwork, BS 5950: Part 1 was first introduced in September 1985, and subsequently revised in 1990. The code has since been revised further and the latest amended version was released in May 2001 with an implementation date of 15 August 2001. The use and design requirements of this latest version of BS 5950 are significantly different from its current version, and it incorporates many recent advances and understanding in the behavior of structural steelwork since 1990 when it was last revised. This lecture will cover the relevant technical background, introduction to Limit States Concept and will focus on the design of beams and beam webs to the new BS 5950 code provisions. Local Buckling and Section Classification, Restrained and Unrestrained Beams will form the theme of this lecture and, design will be illustrated with examples.