



October 18<sup>th</sup>, 2016

2016 Seminar for Structural Engineering

# Technical Seminar in Malaysia

Jump On Eurocode Wave

**Jointly Organized by**

Civil and Structural Engineering Technical Division,

The Institution of Engineers, Malaysia

and

MIDAS Information Technology Co. Ltd



**MIDAS**

# Technical Seminar

in Malaysia

**Renaissance Hotel  
Kuala Lumpur  
Grand Ball Room**

Corner of Jalan Sultan Ismail & Jalan Ampang,  
50450 Kuala Lumpur, Malaysia

Oct 18<sup>th</sup>, 2016(Tue)  
09:00 - 17:30

## About this Seminar

With ever expanding knowledge of material and structural behavior, comes higher demand from design codes in terms of efficiency and economy of structural designs. Additionally, the amount of considerations to be made to satisfy these requirements and to achieve the necessary level of detail and precision become increasingly numerous. Moreover, in today's business attuned environment, time is one of the most valuable assets.

To cater to this demand, we need a powerful tool which addresses all of the above issues. Easiness to use a design software is the most important concern of a structural engineer. MIDAS development team is aware of this fact and it has been focusing on making innovative solution for the engineers that provides them easy to use solutions.

With the increased adoption of Eurocode across the world, Malaysia is also moving closer towards adopting Eurocode for structural design. One part of the seminar will focus on informing engineers about the Eurocode concept. The purpose of the seminar is to set the stage for experts from across the globe to speak about the key issues of Eurocode. The seminar will bring together practicing structural engineers, so benefit from large gathering by developing professional network. Connect with new faces to share and improve the engineering practice.

midas nGen is a results of a long research which is oriented on making engineer's task easy. The new modelling methods and procedures in midas nGen have proved to reduce the modelling time drastically and enable the engineer to integrate the concept of drawing and FEM. midas nGen provides design capabilities using various design standards including BS and Eurocode with Malaysian National Annex. It is known to provide convenience, efficiency, versatility and productivity.

## PROGRAM

08:00-09:00	<b>Registration</b>	
09:00-09:10	Opening	Mr. Aron Lee
09:10-09:20	<b>Opening Speech</b>	Ir. Dr. Ng Soon Ching
09:20-10:30	<b>New Paradigm of effortless modelling</b>	Mr. Kapil Dev Bansal
10:30-11:00	<i>Coffee Break</i>	
11:00-12:30	<b>Design as per Eurocode2 from a Practicing Consulting Engineers' Perspective</b>	Ir. Adjunct Prof. M.C.Hee
12:30-14:00	<i>Lunch Break</i>	
14:00-15:30	<b>Steel Design as per Eurocode</b>	Prof. Richard Liew
15:30-16:00	<i>Coffee Break</i>	
16:00-17:00	<b>Special Features of Gen &amp; Design+</b>	Mr. Hans Kang
17:00-17:30	Q & A	

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# Presenters

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## **Design as per Eurocode2 from a Practicing Consulting Engineers' Perspective** by Ir. Adjunct Prof. M.C.Hee

Practicing Structural Consulting Engineer and Principal of M C Hee & Associates. His expertise is in the design and construction of high-rise buildings particularly in value engineering and alternative design.

Former Vice President of IEM, He is also the chairman of IEM Technical Committee on Eurocode2, and an active member of technical committee drafting the Malaysian National Annex of Eurocode8.

He has more than 40 years of experience in this field, major overseas projects include the 68 story MLC tower, 40 story CML building in Sydney and 42 story 530 Collins St in Melbourne. In Malaysia, the list includes 39 story Core project, 25-story Plaza Perasang in Shah Alam, 28 story Desa Parker condominium, 25 story bank building in Damai Complex.



## **Steel Design as per Eurocode3** by Prof. Richard Liew

Richard Liew is a Professor in the Department of Civil & Environmental Engineering at the National University of Singapore and the Honorable Professor of the Nanjing Tech University, China. He is a Professional Engineer in Singapore, a chartered engineer in United Kingdom and also a Chartered Professional Engineer of the Association of Southeast Asian Nations.

He is a Fellow of the Academy of Engineering Singapore, an Honorary Fellow and the Past President of Singapore Structural Steel Society. He has been involved in research and practice in steel and composite structures covering a wide spectrum of interests, including light-weight and high strength materials and advanced analysis of structures subject to extreme loads for applications in offshore and marine, defense, and civil infrastructural works. He served as an expert and technical advisor to many large-scale steel projects in Asia. He is a key person responsible for the development of Singapore's codes of practices for steel structures and steel-concrete composite structures.



## **New Paradigm of effortless modelling** by Mr. Kapil Dev Bansal

Kapil Dev Bansal is technical manager at MIDAS Singapore. He is responsible for MIDAS family programs support in Singapore, Malaysia and Oceania. Along with that he is involved in consulting the practitioners to understand their demand and hence decide the direction of software development.

He is a civil/structural engineer and has experience of working as a technical support engineer and hence supporting the engineers closely. Kapil has been working with MIDAS IT since 2013 where he was involved in various fields related to building and bridge engineering. He has undertaken projects involving Eurocode as well as ACI. His area of expertise includes RC & Steel structures. He has given various presentations and workshop presentations on structures in Singapore and Oceania. Kapil has presented in several seminars in Singapore which are jointly conducted by MIDAS & NUS.



## **Special Features of midas Gen & Design+** by Mr. Hans Kang

Civil/structural engineer working with MIDAS and his expertise is focused on practical building engineering using Eurocodes.

He worked as a technical support engineer and has contributed towards the development and documentation of MIDAS programs. He has provided online and onsite training to engineers using MIDAS family programs.

In Malaysia he is continuously interacting with Civil & Structural Engineers and has managed to become well aware of the general consensus and the present situation regarding the seismic design and the adoption of the Eurocode.