Institution of Engineers, Singapore  

**Systems Engineering Talk on "The systems engineer as an entrepreneur"**

This presentation is a slightly modified version of the keynote speech given at the conference on Innovative Approaches & Researches for Entrepreneurship of Systems at the Gordon Center, Technion, Haifa, in June 2016. Prof. Dr. Kasser has been a practicing systems engineer for more than 40 years and an academic for about 18 years. He is a Fellow of the Institution of Engineering and Technology (IET), a Fellow of the Institution of Engineers (Singapore), an INCOSE Fellow, the author of Perceptions of Systems engineering, Holistic thinking: creating innovative solutions to complex problems, A Framework for Understanding Systems Engineering and Applying Total Quality Management to Systems Engineering, and many INCOSE symposia papers.

**Venue**
IES Green Building@Bukit Tinggi aka Brian Chang Building: Training Rooms 1 and 2 (2nd floor - accessible via lift), 70 Bukit Tinggi Road, The Institution of Engineers, Singapore, Singapore 289758

**Date and Time**
29 Sep 2016 to 29 Sep 2016  
1800 to2100  
6pm to 9pm  
29 September 2016, Thursday

**Contact Details**
Contact Person: Colin Fong  
Email: colin.fong@iesnet.org.sg  
Phone: 64611236  
Fax:

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Institution of Engineers, Singapore  

**ADAPTIVE DESIGN OF FIBERGLASS GRID REINFORCED PAVEMENT**

Past decades witnessed tremendous development of road reinforcing technology on asphalt pavement. Polymer-impregnated glass fiber grid has outperformed reinforced asphaltic surface layers by retarding distresses. The grid grants additional strength and viscoelastic properties into pavement, resulting in long road life. The talk highlights global cases of how the grid integrates product elements, installation considerations, and performance outcomes. The general conclusion is an innovative paving design and structure embedded grid satisfying local road conditions.

**Venue**
70 Bukit Tinggi Road, The Institution of Engineers, Singapore, Singapore 289758

**Date and Time**
30 Sep 2016 to 30 Sep 2016  
1815 to2115  
6.15pm to 9.15pm  
30 September 2016, Friday

**Contact Details**
Contact Person: Shelly Ng  
Email: shelly.ng@iesnet.org.sg  
Phone: 64611222  
Fax:
NTU is one of the pioneers in the adoption of Prefabricated Prefinished Volumetric Construction (PPVC) in Singapore. With the successful completion of its first PPVC high-rise development, the Hall of Residence at North Hill, NTU has embarked onto its second PPVC development, the Hall of Residence at Nanyang Crescent. In this workshop, the project team of the Nanyang Crescent development, with representatives from the Project Developer, Architect, Design Engineer and Main Contractor, will share their project experience and learning points throughout the design, manufacturing, transportation and construction stages. In addition, the workshop participants could visit the full mock-up of the modules, and the site to view the hoisting process at the construction site (subject to weather condition).

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<tr>
<th>Venue</th>
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<th>Contact Details</th>
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<tbody>
<tr>
<td>Nanyang Executive Centre, NTU</td>
<td>12 Oct 2016 to 12 Oct 2016 0830 to 1300</td>
<td>Contact Person: Customer Service Officer</td>
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<tr>
<td></td>
<td>Fee (Incl of GST): S$280.00# (without funding) S$44.49* (with WTU funding support for eligible local participants*)</td>
<td>Email: <a href="mailto:bca_academy@bc.gov.sg">bca_academy@bc.gov.sg</a></td>
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<td># Foreigners may claim 40% of WTU funding support upon fulfilling the funding requirement. * For more information on the funding requirement, please refer to <a href="http://www.bca.gov.sg/manpower/wtu.html">http://www.bca.gov.sg/manpower/wtu.html</a></td>
<td>Phone: 62489999</td>
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