ACI-SC and BCA are pleased to jointly organise the seminar on Concrete for Sustainability, Productivity and the Future on 30 March 2017.

This seminar discusses the current practices of concrete construction, so as to enhance sustainability and productivity of concrete construction. It also covers challenges on the production control, innovative ways to improve concrete construction productivity as well as green concrete for sustainable construction.

A panel of local and overseas speakers comprising industry experts, academics, and private practitioners will present papers of various topics in this field.

SEMINAR TOPICS & SPEAKERS

1. Use of 100 % VSI Processed Manufactured Sand in Concrete
   ~ Mr. Akio Ikegami, General Manager (Technical), YTL Cement Marketing Singapore Pte Ltd

2. Green Concrete for Sustainable Construction
   ~ Dr. Tan Jun Yew, Senior Technical Manager, Samwoh Corporation Pte Ltd

3. Supplementary Cementitious Materials for Green Concrete
   ~ Dr. Arvind K Suryavanshi, Director, American Concrete Institute – Singapore Chapter

4. Geopolymer Concrete: An Alternative to OPC Concrete
   ~ Dr. Wong Sook Fun, Domain Lead (Materials Technology) & Senior Lecturer, School of Applied Science, Temasek Polytechnic

5. Current Practices and Trends in Sustainable Concrete Construction in Hong Kong
   ~ Ir. Dr. Herbert Zheng, Concrete Services General Manager, Gammon Construction Limited

6. Self-Compacting Concrete (SCC) for Productivity and Eco-Friendly Construction: - A Case Study of SCC In Tanjong Pagar Centre Raft Foundation
   ~ Mr. Chan Wai Mun, Director of Operation, Pan-United Concrete Pte Ltd

7. Structural Lightweight Concrete: Opportunities and Challenges
   ~ Professor Zhang Min-Hong, Department of Civil and Environmental Engineering, National University of Singapore

8. The Future Starts Now: Concrete in Tropical Climate
   ~ Adjunct Associate Professor Tam Chat Tim, Department of Civil and Environmental Engineering, National University of Singapore

9. Ultra-High Performance Concrete (UHPC): Technology for Present and Future
   ~ Ir. Dr. Voo Yen Lei, CEO & Director, Founder of Dura Technology Sdn. Bhd & Adjunct Associate Professor, School of Civil and Environmental Engineering, University of New South Wales

10. Nanoengineering Ultra-High Performance Concrete with Carbon Nanofibers Technology
    ~ Mr. Peter Weber, President and CEO, ceEntek Pte Ltd

11. Steel Fibre for structural applications: Sustainable, Economical, Simple
    ~ Mr Xavier Destree, ArcelorMittal Fibres Consultant, Continental Steel Pte Ltd

INTRODUCTION

Jointly Organised by:
American Concrete Institute (Singapore Chapter)

And:
Building and Construction Authority

SEMINAR DETAILS

DATE
30 March 2017 (Thur)

TIME
9.00 am — 5.30 pm

EARLY BIRD FEE
(Register & pay by 15 March)
ACI-SC Member - S$250
Non-Member - S$290

REGULAR FEE
ACI-SC Member - S$300
Non-member - S$340

Lunch & Refreshments provided
(Non-members who sign up for this seminar will get a free 1-year membership from ACI-SC)

CPD POINTS
PEB: 7 PDUs
BOA-SIA: Pending
IES-ACES: Pending
Adjunct Associate Professor Tam Chat Tim
Department of Civil and Environmental Engineering
National University of Singapore

Dr Tam is a PE and Fellow of IEM, IES, IStructE, ACI and Concrete Society, UK. After working for three years with the Hydro-Electric Commission in Hobart and a consultancy firm in Kuala Lumpur, he joined the Department of Civil Engineering of the University of Malaya in 1963.

Between 1968 and 1972, he was on leave from the UM to obtain his PhD on the topic of chemical admixtures in concrete. After returning, he was Head of the Department before leaving in 1979 to join the then University of Singapore, now National University of Singapore, and held the position of Vice-Dean before his retirement in 1996.

His current appointment is Adjunct Associate Professor to continue with research on concrete materials and construction. He has been active in the development of concrete standards and laboratory accreditation activities in Malaysia and Singapore for over 50 years.

Professor Zhang Min-Hong
Department of Civil and Environmental Engineering
National University of Singapore

Prof Zhang Min-Hong is Professor at Department of Civil and Environmental Engineering, National University of Singapore.

Prior to joining NUS, she was a Research Scientist at Canada Centre for Mineral and Energy Technology.

Prof Zhang is a Professional Engineer registered in Ontario, Canada, and a Fellow of American Concrete Institute. She serves as Director of Centre for Protective Technology, Faculty of Engineering, NUS, since 2010.

Mr. Peter Weber
President and CEO
ceEntek Pte Ltd

ceEntek Pte Ltd has been founded by Peter W. Weber, a veteran executive and entrepreneur in the high-tech industry.

Following a highly successful career in the semiconductor and telecom industries, Peter became an angel investor and mentor for young high tech companies located in California and Europe.

Realizing the potential of nanotechnology for the construction industry, Peter founded ceEntek in 2010. In addition, he serves on the supervisory boards of public and private high tech companies.

Mr. Xavier Destrieu
ArcelorMittal Fibres Consultant
Continental Steel Pte Ltd

Mr Xavier Destrieu started acting as R&D civil engineer to develop from starting point, the application of steel fibre reinforced concrete. He is an independant consultant for a number of companies in steelfibres business, R&D activities and design.

Mr Destrieu provides as an ArcelorMittal consultant, the technical support for engineers and contractors to design and install steelfibre reinforced concrete structures. He has been invited as speaker at numerous international conferences and workshops, and is member of numerous standard committees for SFRC in Spain, Holland, Belgium, Sweden, Canada, USA, France, UK.

Mr Destrieu has been the leading author of the ACI 544-6R15 Report on Design and Construction of Steel Fiber Reinforced Concrete Suspended Elevated Slabs.
Dr. Tan Jun Yew  
Senior Technical Manager  
Samwoh Corporation Pte Ltd

Dr Tan has helped Samwoh establish its ready mix concrete quality control system and procedures, carry out concrete mix design, guide and train staff, and oversees key quality aspects of the operation. He has also helped the company to achieve various accreditations and certifications.

He is also active in research and development works, particularly in the area of sustainable building material such as recycled concrete aggregate, blast furnace slag cement, copper slag, etc.

Dr Tan oversees the design and production of numerous specialty concrete mixes such as temperature-controlled, light weight, heavy density, self-compacting concrete, shotcrete, colored concrete etc. He regularly provides advice and consultation to project sites on the application of these specialty concrete.

Mr. Akio Ikegami  
General Manager (Technical)  
YTL Cement Marketing Singapore Pte Ltd

Mr Ikegami has worked in the production and quality compacting works at several cement plants and lime stone quarry (Sumitomo Cement Co., Ltd) in Japan.

He was also involved in technical surveys and research works at cement and concrete laboratories related to civil and building construction projects.

For the past 25 years in Singapore, Mr Ikegami has experience managing the operation of a JV RMC company (Oriental Concrete Pte Ltd), and technical and quality control works (Lafarge Super-mix Concrete Pte Ltd and Jurong Cement Ltd/ Jurong Ready-mix Concrete Pte Ltd).

Mr. Chan Wai Mun  
Director of Operation  
Pan-United Concrete Pte Ltd

Mr Chan has more than 28 years of experience in concrete and construction.

He currently holds the designation of Director of Operation in Pan-United Concrete Pte Ltd, General Manager of Raffles Concrete Pte Ltd. He is also a Director of Fortis Star Sdn. Bhd. and General Manager of Meridian Maplestar Sdn. Bhd.

Mr Chan has served in the technical expert panel in Spring Singapore in the review of SS EN 206 and SS EN 12620 Specification for Concrete and Aggregates.

He is also one of the founding members of Business Council for Sustainable Development Singapore.
WHO SHOULD ATTEND

- Architects
- Contractors
- Consultants
- Concrete Suppliers
- Developers
- Engineers
- Project Managers
- Site Engineers
- Site Supervisors
- Suppliers
- Sub-Contractors
- Technical Officers

REGISTRATION

Please register early to avoid disappointment. Registration is only confirmed upon receipt of payment.

No walk-in registration is accepted on actual day.

For further enquiries, please contact our appointed Event Manager:

Connexis Learning Pte Ltd
Ms Stella Lim
Tel: 6523 8932 Fax: 6523 8936
Email: stellalim@connexis.com.sg

REGISTRATION

YES! We / I will attend the seminar on Concrete for Sustainability, Productivity & the Future on 30 March 2017 (Thur), 9.00 am - 5.30 pm.

PARTICIPANTS’ INFORMATION

Name 1 : Dr/ Mr/ Mrs/ Ms* ___________________________ Designation: ___________________________  
Email: ___________________________________________ ACI-SC Member No: ______________________

Name 2 : Dr/ Mr/ Mrs/ Ms* ___________________________ Designation: ___________________________  
Email: ___________________________________________ ACI-SC Member No: ______________________

Name 3 : Dr/ Mr/ Mrs/ Ms* ___________________________ Designation: ___________________________  
Email: ___________________________________________ ACI-SC Member No: ______________________

Name 4 : Dr/ Mr/ Mrs/ Ms* ___________________________ Designation: ___________________________  
Email: ___________________________________________ ACI-SC Member No: ______________________

Name 5 : Dr/ Mr/ Mrs/ Ms* ___________________________ Designation: ___________________________  
Email: ___________________________________________ ACI-SC Member No: ______________________

CONTACT PERSON’S INFORMATION

Name: ___________________________________________ Designation: _____________________________
Organisation: _____________________________________________________________________________
Address: __________________________________________________________________________________ 
_________________________________________________________________________________________
Postal Code: (  )
Contact No: __________________________ Fax No: __________________________
Email Address: __________________________________________________________________________
Enclosed is Cheque No: __________________________

FEES

EARLY BIRD FEE PER PAX (Register & pay by 15 March)

ACI-SC Member: $250  
Non-Member: $290

REGULAR FEE (Register & pay after 15 March)

ACI-SC Member: $300  
Non-Member: $340

Payment

Payment for the seminar must be made before the seminar commencement date.

Please make your crossed cheque payable to “ACI (Singapore Chapter)” and mail to:

ACI (Singapore Chapter)
58 Sungei Kadut Loop
Singapore (729501)

Withdrawal

There will be no refund for withdrawal but replacements are allowed. Request for withdrawal must be made in writing.

The full fee will be charged for withdrawal or no-show on the day of the seminar.

Cancellation

The organisers reserve the right to amend any details relating to the seminar, revise the seminar fees without prior notice, cancel or postpone the seminar.

Others

The CPD points indicated for the seminar is subject to change and final approval by the relevant professional accreditation bodies.

The materials supplied to the company and individual applicant for the seminar (“Materials”) are for their personal reference only and the company and individual applicant are not supposed to otherwise use the Materials.

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- Consultants
- Concrete Suppliers
- Developers
- Engineers
- Project Managers
- Site Engineers
- Site Supervisors
- Suppliers
- Sub-Contractors
- Technical Officers

Jointly Organised by:

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Building and Construction Authority

Fax: (65) 6523 8936  
Email: stellalim@connexis.com.sg