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THE HONG KONG INSTITUTION  
OF ENGINEERS



# Green Construction Materials Workshop

**11 Seminars from**  
Leading Scholars & Professionals  
March 12, 2011 (Saturday)  
LT401, City University of Hong Kong

The pivotal role that environmentally sound construction can play in protecting against climate change cannot be underestimated. With more efficient use of materials, lower utilities consumption, enhancement of lifetime, it is clear that going “green” makes more than just ecological sense.

This full day event, **Green Construction Materials Workshop 2011**, will address the key developments of eco construction materials and endeavours for a sustainable built environment. It is organized to expedite the sharing of latest advancements and to update industry peers on new and emerging trends.

Don't miss this great opportunity to explore the great potentials of green construction materials.

## **Topics Covered:**

- Sustainable Infrastructures in China
- Eco-friendly Construction Materials
- Green Concrete
- Requirements for Recycled Materials
- Durable Marine Concrete Structure
- Energy Efficient Building Envelope
- Measurement Framework

## **Free Registration**

Please return the completed registration form by email to [karen.wong@nami.org.hk](mailto:karen.wong@nami.org.hk) or by fax to 2358 8113.

Seats are limited. Register now.

Sponsored by:



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LT 401, 4/Fl., Amenities Building, City University of Hong Kong, Kowloon Tong

## **Organizing Committee**

*Dr. Eric Liu (Chairman)*

*Professor C M Tam (Co-Chairman)*

*Dr. Jonathan CY Chung*

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Nano and Advanced Materials Institute

The Hong Kong Institution of Engineers - Materials Division

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Dr. Herbert Zheng

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The Hong Kong Polytechnic University

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Gammon Construction Limited

Arup

The Hong Kong Institution of Engineers -Materials Division

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## **Enquiries**

Please visit [www.nami.org.hk](http://www.nami.org.hk) or contact Ms. Karen Wong at 2358 5763.

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THE HONG KONG INSTITUTION  
OF ENGINEERS  
香港工程師學會



Department of Physics  
and Materials Science

Sponsor



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Time	Program	
9:30 am	Welcoming Speech <i>Professor CM TAM</i> Chairman, The Hong Kong Institution of Engineers – Materials Division Opening Speech <i>Professor KM NG</i> Chief Executive Officer, Nano and Advanced Materials Institute	
9:45 am Lecture 1	Are Green Building Materials Really that Green – The Needs for a Reliable Measurement Framework <i>Dr. Thomas S NG</i> The University of Hong Kong	Session Chair: <b>Prof. CM Tam</b> , HKIE - Materials Division
10:15 am Lecture 2	Material Selection and Its Impact on Environment <i>Dr. Iris HWANG</i> Arup	
10:45 am	<b>Refreshment</b>	
11:05 am Lecture 3	Energy Efficient Building Envelope System <i>Professor Moe MS CHEUNG</i> The Hong Kong University of Science and Technology	Session Chair: <b>Prof. Chris Leung</b> , The Hong Kong University of Science & Technology
11:35 am Lecture 4	Greening the Rooftops: Concerns, Research and Guidelines <i>Professor Onyx WH WAI</i> The Hong Kong Polytechnic University	
12:05 pm Lecture 5	Environmental Catalysts for Healthy Indoor Living Environment <i>Professor King-Lun YEUNG</i> The Hong Kong University of Science and Technology	
12:35 pm	<b>Lunch Break</b>	
2:15 pm Lecture 6	Turning Wastes to Eco-friendly Construction Materials <i>Professor Chi-Sun POON</i> The Hong Kong Polytechnic University	Session Chair: <b>Dr. Herbert Zheng</b> , Gammon Construction Limited
2:45 pm Lecture 7	Discussion of Existing Requirements in GS for Recycled Aggregates and Recycled Paving Units <i>Mr. Dixon CHAN</i> Tiotone Environmental Limited	
3:15 pm Lecture 8	Use of Fillers for the Production of Green Concrete <i>Professor Albert KH KWAN</i> The University of Hong Kong	
3:45 pm	<b>Refreshment</b>	
4:05 pm Lecture 9	Rice Husk Ash as Green Cement Replacement Materials <i>Dr. Tommy Y LO</i> City University of Hong Kong	Session Chair: <b>Dr. Jonathan CY Chung</b> , City University of Hong Kong
4:35 pm Lecture 10	Water Repellent Surface Impregnation for Durability Enhancement and Service Life Extension of Marine Concrete Structures <i>Professor Jian-Guo DAI</i> The Hong Kong Polytechnic University	
5:05 pm Lecture 11	Sustainable Development of Infrastructures in China <i>Professor Christopher KY LEUNG</i> The Hong Kong University of Science and Technology	
5:35 pm	Closing Remarks <i>Dr. Jonathan CY CHUNG</i> City University of Hong Kong	
5:45 pm	<b>End of Day</b>	

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## REGISTRATION FORM

To be replied on or before Tuesday 10 March 2011

To : Ms. Karen Wong

Email: [karen.wong@nami.org.hk](mailto:karen.wong@nami.org.hk)

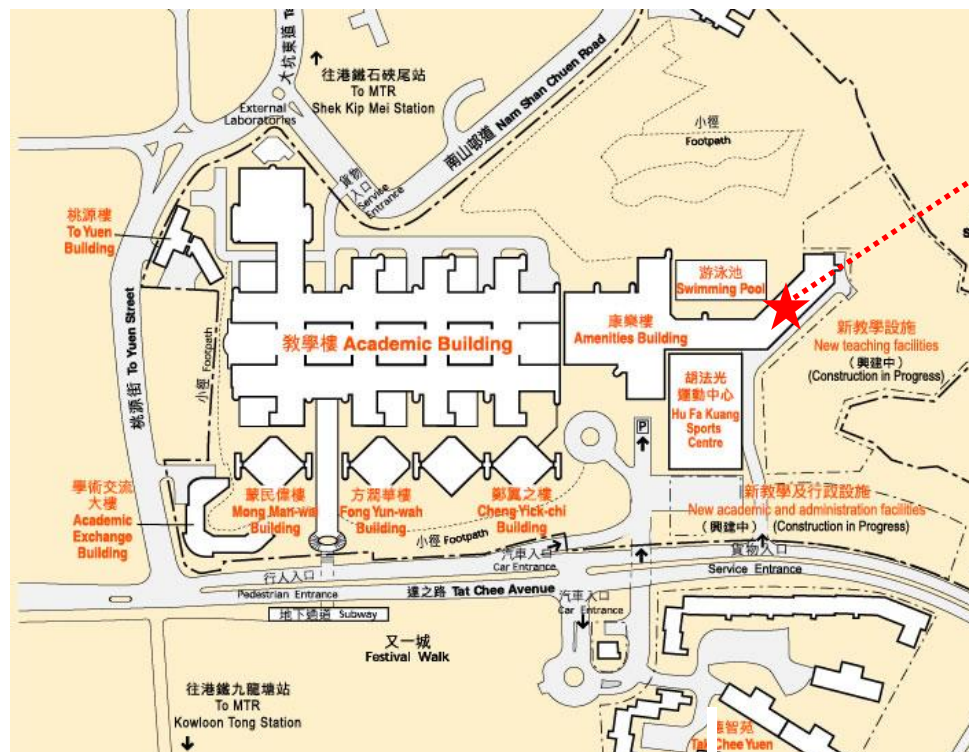
Fax : 2358 8113

Title	Name (in full)	Name of Institute/ Company	Tel.	E-mail	Need CPD?
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Mr./Ms./Dr.					Yes / No
Mr./Ms./Dr.					Yes / No
Mr./Ms./Dr.					Yes / No
Mr./Ms./Dr.					Yes / No

\*No proceedings will be distributed.

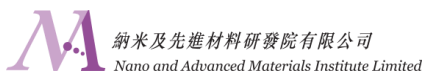
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