



Affiliated Event of



## Nanotechnology & Advanced Materials Symposium

# Advances in Construction and Building Materials

- Date** : 7 December 2012 (Friday)  
**Time** : 2:45pm – 5:30pm  
**Venue** : Rm N206-208, Hong Kong Convention & Exhibition Centre  
**Format** : Forum  
**Language** : English  
**Admission** : FREE (Register as soon as possible as seats are limited)



One way to achieve sustainable development is to enhance the performance and lengthen the lifetime of structures so as to reduce the level and frequency of construction activities. Advanced construction and building materials have been developed with improved performance, better durability and less carbon footprint.

Recently, practicing engineers in construction industry have started to apply those advanced materials in various fields of civil engineering. Sensing and non-destructive test techniques are useful as they can provide early identification of anomalies, damages and degradation in service as well as better quality control during construction stage. With proper repair/strengthening materials and methods, the life time of structures can be extended with less cost and lower carbon emission.

In this symposium, distinguished speakers will **discuss the advanced construction and building materials as well as the applications of the technology know-how in the building and construction industry**. It will also provide a platform where academics, business professionals and end users from the industry can exchange their views on the latest materials and technologies as well as their applications in the industry.

Organiser:



Co-Organisers:



For enquires and registration, please contact **Sammi Chan of NAMI** at 2358 5763 or email [sammichan@nami.org.hk](mailto:sammichan@nami.org.hk) or visit [www.nami.org.hk](http://www.nami.org.hk)

(This Forum is an affiliated event of **Business of IP Asia Forum** which is a **full day forum** discussing the latest developments in the world's intellectual property economy and business trends in different industry sectors)



# PROGRAM

**3:00pm Welcome Remarks**

Prof. Ka Ming NG

*CEO, Nano and Advanced Materials Institute Ltd.*

**3:15pm Incorporation of Calcium Sulfoaluminate Cement in Concrete and the Resulted Properties**

Dr. Jamie YEUNG

*Director & Executive Board Member, Hong Kong Concrete Institute*

**3:45pm Non-destructive Evaluation for Existing Civil Engineering and Building Structures**

Ir. Dr. Wallace W. L. LAI

*Assistant Professor, Department of Land Surveying and Geo-informatics, The Hong Kong Polytechnic University*

**4:15pm Replacing Cement by Ground Granulated Blastfurnace Slag (GGBS) in Housing Authority Projects**

Ir. Joseph MAK

*Chief Structural Engineer, Hong Kong Housing Authority*

**4:45pm Optical Fiber Sensors for Civil Engineering Applications**

Dr. K. T. WAN

*Technical Manager, Nano and Advanced Materials Institute Ltd.*

**5:15pm Q&A**

*Free Admission.  
Sign Up Now!*



**Yes! I would like to sign up for the Nanotechnology and Advanced Materials Forum** on Advances in Construction and Building Materials on 7 December, 2012 at the Hong Kong Convention & Exhibition Centre.

Name: Prof/ Dr/ Mr/ Ms \_\_\_\_\_ Email: \_\_\_\_\_

Company: \_\_\_\_\_ Position: \_\_\_\_\_

Tel/Mobile: \_\_\_\_\_ Fax: \_\_\_\_\_ Website: \_\_\_\_\_

Address: \_\_\_\_\_

**Yes! Sign me up for the NAMI's Consortium complimentary membership.** I will enjoy **free conferences and seminars, networking events with industry experts, and access to latest technology news and information.**  
Please send me information regarding:

Business Nature:

- Service Company       Manufacturer       Trading Company       Trade/ Industrial Organization  
 Education       Retailer       Contractor       Government/ Public Organization

Industry:

- Metals       Electronics       Building & Construction       Others \_\_\_\_\_

Company's Major Products/Services: \_\_\_\_\_

Areas of Interests:

- Solid state lighting       Sustainable energy       Environmental technology       Lifestyle and healthcare  
 Metals and metal finishing       Advanced materials for consumer and industrial applications

I'm interested in the following topics at a future conference or forum:

\_\_\_\_\_

I would like to:

- Network with industry players       Seek partners for cooperation for a project  
 Brainstorm new product ideas       Explore new business/investment opportunities  
 Obtain funding support       Understand latest technology trend and market situation  
 Learn more about technical transfer process and technology commercialization

\*Signature: \_\_\_\_\_ \*Date: \_\_\_\_\_

Please fax this registration form to 2358-8113 or email [sammichan@nami.org.hk](mailto:sammichan@nami.org.hk). We look forward to seeing you.

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NAMI's Consortium is open to all interested in nanotechnology and advanced materials.

The Consortium maintains a platform to facilitate **business networking, technology updates, incubation of new ideas** and projects, while **making technology available** to meet the evolving needs of industry. Throughout the year, the Consortium sends out newsletters, conducts regular industry-specific conferences, networking events for researchers, business leaders, industry experts and end-users. The ultimate aim is through this process of cross-fertilization of ideas, local companies will be able to enhance their competitiveness in the world market.