



納米及先進材料研發院有限公司  
Nano and Advanced Materials Institute Limited



# NAMI Showcase

## 2011

### Connect. Innovate. Grow.

**Date :** 1<sup>st</sup> November, 2011 (Tuesday)  
**Time :** 13:45 (registration) for 14:15 to 16:30  
**Venue :** N101B, Hong Kong Convention & Exhibition Centre

After 5 years of operation, NAMI would like to take this opportunity to showcase our effort, achievements and visions in making Hong Kong a centre for nanotechnology and advanced materials innovations while celebrating our successful collaborations with industry, professional bodies and trade organizations.

With a theme of "Fear not the Future", we have invited three distinguished overseas and local speakers to cover a variety of topics in the development of construction materials, sustainable energy, and biomaterials.

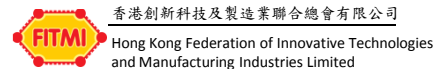
Don't miss this valuable opportunity to gain more insights in technology roadmap while exploring NAMI's latest R&D development in various applications all in one go.

#### Sponsors:



**Value Solutions Limited**

#### Supporting Organizations:



#### Supporting R&D Organizations:



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### Program

14:15	<i>Introduction to NAMI</i> <b>Dr. Eric YS LIU</b> Director of Business Development, Nano and Advanced Materials Institute Ltd.
14:30	<i>Multi-Functional Platform Technologies with Carbon Nanotechnology</i> <b>Professor Ravi SILVA</b> Director of Advanced Technology Institute, Head of Nano-Electronics Centre, Advanced Technology Institute, University of Surrey, United Kingdom
14:55	<i>Development of Magnesium Alloy for Medical Applications</i> <b>Professor Lugee LI</b> Chairman, EON Group, China
15:20	<i>Future Research and Technology Development for Built Environment</i> <b>Dr. Ricky TSUI</b> East Asia R&D Leader   Associate Director, ARUP, Hong Kong
15:45	<i>NAMI's Technologies</i> <b>Dr. Peter WM LEE</b> CTO, Nano and Advanced Materials Institute Ltd.
16:15	Technology & Product Showcase / Industry Networking / Refreshment

### SHOWCASES & DEMONSTRATIONS

#### SUSTAINABLE ENERGY

- ❖ Amorphous silicon solar cells
- ❖ CIGS solar cells
- ❖ Organic solar cell

#### CONSTRUCTION MATERIALS

- ❖ Thermal insulation coating for construction materials
- ❖ Self-cleaning and anti-bacterial coatings for building materials
- ❖ Insulating precast concrete

#### DISPLAY & SOLID STATE LIGHTING

- ❖ LED on silicon
- ❖ Die attached adhesives with high thermal conductivity for electronic packaging

#### ENVIRONMENTAL TECHNOLOGIES

- ❖ Micro-algae for CO<sub>2</sub> removal
- ❖ Anti-bacterial porous filters for air purifiers
- ❖ Photocatalytic condensate-recovery air-conditioning system

#### SURFACE TREATMENT & NANOMATERIALS

- ❖ Non-stick cookware coating without PFOA
- ❖ Surface mechanical attrition treatment for enhanced strength and hardness
- ❖ Fast response nano-humidity sensor
- ❖ White anodized aluminum oxide
- ❖ Thermo-sensitive polymer

*\* Seats are limited and on a first-come, first-served basis.*



Please sign me up for the NAMI Showcase Event on November 1, 2011 at the Hong Kong Convention & Exhibition Centre.

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

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

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

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

I am not a member yet and please 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:  Manufacturer  Trading Company  Service Provider  Education  
 Retailer  Financial Services  Trade/ Industrial Organization  Government/ Public Organization

Industry:  Energy & power  Electronics  Medical & pharmaceutical  Textiles  
 Environmental  Metal & machinery  Building & construction  Plastics  
 Chemical  Consulting Services  Others \_\_\_\_\_

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

Areas of Interests:

Solid state lighting  Environmental technology  Metals & metal finishing  
 Biomedical materials  Sustainable energy  Coatings & other nanotechnologies

Topics of your interests at a Future Conference/ Forum: \_\_\_\_\_

I value the following opportunities most:

Networking with industry players  Seeking partners for cooperation for a project  
 Brainstorming new product ideas  Exploring new business/ investment opportunities  
 Obtaining funding support  Understanding latest technology trend and market situation  
 Learning more about technical transfer process and technology commercialization

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

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

Please fax this registration form to 2358-8113 or email [karen.wong@nami.org.hk](mailto:karen.wong@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.