



# **Environmental Technologies Workshop -Wastewater Treatment**

**12 Seminars from  
Leading Scholars & Professionals  
June 11, 2011 (Saturday)**

**LT B, Hong Kong University of Science & Technology**

Cutting-edge science and new technology are key to preserving the environment; they are also crucial to help us avoid polluting the world around us, reduce pollution that has occurred and remedy damage done.

In ***Environmental Technologies Workshop***, twelve notable speakers in the wastewater and sewage treatment will deliver a series of lectures which address advancements in both traditional and emerging technologies applied towards a more sustainable future. The mission of the event is to provide a perspective on where the opportunities are today and will be in the coming years in the environmental technology market and to profile some of the technologies which are well positioned to take advantage of the direction in which the market is going.

Industry professionals and postgraduate students, in particular for those connected to environmental technologies, are most welcome in this full day of knowledge transfer. CPD will be given at the end of the workshop.

## ***Topics Covered:***

- Wastewater Treatment in China and Hong Kong
- Biological Treatment for Sewage
- Advances in Sludge Recycling
- New Approaches to Bacterial Disinfection

## ***Free Registration***

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



# Environmental Technologies Workshop - Wastewater Treatment

**Date :** June 11, 2011 (Sat.)  
**Venue :** LT B, HKUST

## **Organizing Committee**

*Dr Eric Liu (Chairman)*

*Professor Joseph Lee*

*Ir C F Lam*

*Ir Dr Louis Lock*

*Ir Kenny Wong*

*Ir C S Lam*

*Ms. Iris Cheng*

Nano and Advanced Materials Institute

The Hong Kong University of Science & Technology

HKIE – Environmental Division

HKIE – Environmental Division

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HKIE – Environmental Division

Nano and Advanced Materials Institute

## **Technical Committee**

*Professor Joseph Lee (Chairman)*

*Ir Professor Irene Lo*

*Ir Anthony Kwan*

*Ir P C Lo*

*Dr Paul Ho*

*Dr Carol Li*

The Hong Kong University of Science & Technology

HKIE – Environmental Division

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Nano and Advanced Materials Institute

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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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Time	Program	
9:30 am	Welcoming Speech <i>Ir C F LAM</i> Chairman of Environmental Division, Hong Kong Institute of Engineers Opening Speech <i>Professor Joseph LEE</i> Vice-President for Research and Graduate Studies, The Hong Kong University of Science and Technology	
9:50 am Lecture 1	Application of Biogas in Sewage Treatment Plants <i>Ir Y K TSE</i> Chief Engineer, Drainage Services Department	Session Chair: <b>Ir Kenny WONG</b>
10:10am Lecture 2	Application of Compact Technologies in Sewage Treatment <i>Ir Norman CHENG</i> Veolia Water South China Limited	
10:30 am Lecture 3	Design and Establishment of Centralized Industrial Wastewater Treatment Facilities for a Jewellery Industrial Park in Mainland China <i>Dr Anthony MA</i> Hong Kong Productivity Council	
10:50am	<b>Q&amp;A / Refreshment</b>	
11:25 am Lecture 4	Feasibility of Using Constructed Mangrove Wetland for Treating Saline Wastewater <i>Professor Nora FY TAM</i> The City University of Hong Kong	Session Chair: <b>Ir Prof. Irene LO</b>
11:45 am Lecture 5	Photocatalytic Hydrogen Generation with Simultaneous Organic Degradation by Composite CdS/ZnS Catalysts Under Visible Light <i>Professor Xiao Yan LI</i> The University of Hong Kong	
12:05 pm Lecture 6	Visible-light-driven Photocatalytic Disinfection of Bacteria <i>Professor Po Keung WONG</i> The Chinese University of Hong Kong	
12:25 pm	<b>Q&amp;A / Lunch Break</b>	
2:00 pm Lecture 7	Heavy Metals in Wastewaters in China: Impact and Treatments <i>Professor Wen Xiong WANG</i> The Hong Kong University of Science and Technology	Session Chair: <b>Ir K P YIM</b>
2:20 pm Lecture 8	Multi-Scale Structured Materials and Electrochemical Technologies for Remediation in Aqueous Environment <i>Professor Kwong Yu CHAN</i> The University of Hong Kong	
2:40 pm Lecture 9	Using Flat Sheet Type Membrane Bioreactor Technology for Municipal Wastewater Treatment <i>Ir Nelson C M HONG</i> ATAL Engineering Limited	
3:00 pm	<b>Q&amp;A / Refreshment</b>	
3:35 pm Lecture 10	Phase Transformation of Metals in Reusing the Incineration Ash of CEPT Wastewater Sludge as Ceramic Raw Materials <i>Dr Kaimin SHIH</i> The University of Hong Kong	Session Chair: <b>Ir Anthony KWAN</b>
3:55 pm Lecture 11	Application of Pyrosequencing in Analysis of Microbial Community of Activated Sludge <i>Dr Tong ZHANG</i> The University of Hong Kong	
4:15 pm Lecture 12	Septicity Control in Sewer System <i>Dr Oliver W K AU-YEUNG, Dr Alex W H CHEUNG</i> URS/Scott Wilson	
4:35 pm	<b>Q&amp;A</b>	
4:50 pm	Closing Remarks <i>Professor KM NG</i> CEO, Nano and Advanced Materials Institute Limited	
5:00 pm	<b>End of Day</b>	

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## REGISTRATION FORM

*To be replied on or before Thursday 9 June 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	CPD
Mr/Ms/Dr					Yes/ No
Mr/Ms/Dr					Yes/ No
Mr/Ms/Dr					Yes/ No
Mr/Ms/Dr					Yes/ No
Mr/Ms/Dr					Yes/ No

*\*Due to the confidential information in presentations, no proceedings will be distributed.*

### Enquiries:

Please contact Ms. Karen Wong at 2358 5763 or [karen.wong@nami.org.hk](mailto:karen.wong@nami.org.hk)

