



THE HONG KONG
POLYTECHNIC UNIVERSITY
香港理工大學 土木及結構工程學系
Department of Civil and Structural Engineering



Third Announcement



香港工程師學會材料分部
The Hong Kong Institution of Engineers
Materials Division



Federation of
Hong Kong
Machinery and Metal Industries

International Symposium on Advances in Corrosion Protection to Steel Members in Building Construction

Jointly organized by
**International Zinc Association,
Department of Civil and Structural Engineering, The Hong Kong Polytechnic University, and
Nano and Advanced Materials Institute Limited**

Supported by
**Material Division, The Hong Kong Institution of Engineers, and
The Federation of Hong Kong Machinery and Metal Industries**

Date : Monday 2 November 2009

Venue : The Senate Room, M1603, Li Ka Shing Tower,
The Hong Kong Polytechnic University, Hung Hom, Kowloon, Hong Kong SAR.

Time : 8:30 am (registration) for 9:00 am to 5:15 pm

Program Highlights

Advances in Corrosion Protection to Steel Members in Building Construction are important to property owners, designers, and builders in many countries in the world owing to their huge infrastructures. Without proper specifications, design and construction, deterioration in buildings and structures will lead to repetitive and expensive repair with temporary closure. In extreme cases, overall collapse may be resulted.

The International Symposium is organized in Hong Kong as a technical platform for Asian countries for dissemination of advances in corrosion protection technology. A total of eight renowned researchers and engineers will present their research findings and experiences on various important topics of corrosion protection to steel members in building construction with special emphases on practical applications:

<i>Dr Frank Goodwin</i>	The International Zinc Association, USA.
<i>Professor Stephen Yeomans</i>	University of New South Wales, Australia
<i>Professor C J Lin</i>	Xiamen University, China
<i>Professor K F Chung</i>	The Hong Kong Polytechnic University, Hong Kong SAR
<i>Mr Rob White</i>	The International Zinc Association, South Africa
<i>Professor S P Chiew</i>	Nanyang Technological University, Singapore
<i>Mr C C Mei</i>	EcoSteel Sdn Bhd, Malaysia
<i>Dr J R Cheng</i>	Taiwan Power Research Institute, Taiwan.

Registration

The registration fee includes a copy of proceedings, refreshments and a copy of CPD certificate:

- Regular registration: **HK\$600** per person
Group registration: **HK\$500** per person for group registration of at least 3 people

For Graduate Engineers who graduated in or after 2005, they may apply for registration with a special discount at HK\$450. A copy of graduation certificate should be provided together with the completed Registration Form. As there are limited seats only, this category of registration is first-come-first-served.

CPD Certificate **A CPD certificate of attendance will be issued upon request.**

Please follow the two step registration procedure:

1. Fax the completed registration form to *Ms. Iris Cheng* (Fax: 2358 8113) for preliminary registration.
2. Post the completed registration form on or before *Monday 26 October 2009* together with a crossed cheque payable to

The Hong Kong Polytechnic University:

To The Nano and Advanced Materials Institute Limited
Attention *Ms. Iris Cheng*
Room 3641-3649, The Hong Kong Jockey Club Enterprise Building
The Hong Kong University of Science and Technology, Clear Water Bay, Kowloon

Registration will only be confirmed upon receipt of payment (payable to **The Hong Kong Polytechnic University**) and it is on a first-come-first-served basis. For details of registration, please contact *Ms. Iris Cheng* (T: 2358 5076, E: iris@nami.org.hk). For technical details of the Symposium, please contact **Dr. Chun ZHANG** (T: 2358 8475, E: zhangchn@nami.org.hk). For latest information, refer to



THE HONG KONG
POLYTECHNIC UNIVERSITY
香港理工大學 土木及結構工程學系
Department of Civil and Structural Engineering



香港工程師學會材料分部
The Hong Kong Institution of Engineers
Materials Division



Federation of
Hong Kong
Machinery and Metal Industries

International Symposium on Advances in Corrosion Protection to Steel Members in Building Construction

Jointly organized by
**International Zinc Association,
Department of Civil and Structural Engineering, The Hong Kong Polytechnic University, and
Nano and Advanced Materials Institute Limited**

Supported by
**Material Division, The Hong Kong Institution of Engineers, and
The Federation of Hong Kong Machinery and Metal Industries**

Date : Monday 2 November 2009

Venue : The Senate Room, M1603, Li Ka Shing Tower,
The Hong Kong Polytechnic University, Hung Hom, Kowloon, Hong Kong SAR.

Time : 8:30 am (registration) for 9:00 am to 5:15 pm

Organizing Committee

<i>Professor K F Chung (Chairman)</i>	<i>The Hong Kong Polytechnic University, Hong Kong SAR</i>
<i>Dr Eric Liu (Deputy Chairman)</i>	<i>Nano and Advanced Materials Institute, Hong Kong SAR</i>
<i>Dr Edward Tsui (Deputy Chairman)</i>	<i>The Federation of Hong Kong Machinery and Metal Industries</i>
<i>Professor Gary Kong</i>	<i>The South China University of Technology, China</i>
<i>Ms Iris Cheng</i>	<i>Nano and Advanced Materials Institute, Hong Kong SAR</i>
<i>Dr H C Ho</i>	<i>The Hong Kong Polytechnic University, Hong Kong SAR</i>
<i>Ms Miya Lau</i>	<i>The Hong Kong Polytechnic University, Hong Kong SAR</i>

Technical Committee

<i>Dr. Frank Goodwin (Chairman)</i>	<i>The International Zinc Association, USA</i>
<i>Dr Chun Zhang (Deputy Chairman)</i>	<i>Nano and Advanced Materials Institute, Hong Kong SAR</i>
<i>Mr Rob White</i>	<i>The International Zinc Association, South Africa</i>
<i>Professor Gary Kong</i>	<i>The South China University of Technology, China</i>
<i>Professor K F Chung</i>	<i>The Hong Kong Polytechnic University, Hong Kong SAR</i>

Sponsors

The financial assistances provided by the following companies are gratefully acknowledged:



Yau Sang Galvanizers (Hot-Dip) Co., Ltd.
有生鉛水(熱浸鋅)有限公司
No. 01-03, Fuk Hi Street, Yuen Long Industrial Estate, Yuen Long, N.T., HKSAR.
Tel : 2475 7338 2478 2660 Fax : 2474 3414 2475 1246 Email : info@yausang.hk



利記集團
Lee Kee Group
SINCE 1947 香港聯交所上市集團 (A listed group on the HKEX)

International Symposium on Advances in Corrosion Protection to Steel Members in Building Construction

Jointly organized by
International Zinc Association,
Department of Civil and Structural Engineering, The Hong Kong Polytechnic University, and
Nano and Advanced Materials Institute Limited

Supported by
Material Division, The Hong Kong Institution of Engineers, and
The Federation of Hong Kong Machinery and Metal Industries

Date : Monday 2 November 2009

Venue : The Senate Room, M1603, Li Ka Shing Tower,

The Hong Kong Polytechnic University, Hung Hom, Kowloon, Hong Kong SAR.

Time : 8:30 am (registration) for 9:00 am to 5:15 pm

Time	Program
9:00 am	Welcoming Speeches <i>Professor J G Teng</i> Associate Vice President, and Dean of Faculty of Construction and Land Use, The Hong Kong Polytechnic University <i>Professor O C Yue</i> Science Advisor, Innovation and Technology Commission, The Government of the Hong Kong SAR Opening Speech <i>Dr W K Fung</i> Chairman, Material Division, The Hong Kong Institution of Engineers Presentation of Souvenirs <i>Dr Edward Tsui</i> Chairman, Federation of Hong Kong Machinery and Metal Industries
9:25 am Lecture 1	A Research Update on Galvanized Rebars <i>Dr Frank E. Goodwin</i> International Zinc Association, USA
10:05 am Lecture 2	Galvanized Reinforcing Steel in Building Construction <i>Professor Stephen Yeomans</i> University of New South Wales, Canberra, ACT Australia
10:45 am	Refreshments
11:10 am Lecture 3	Corrosion and Protection Behavior of Epoxy Coated and Galvanized Steel Rebars in Cement Mortar in Sea Environments <i>Professor C J Lin</i> Xiamen University, P. R. China
11:40 am Lecture 4	Review of Design against Corrosion Protection to Steel Members in Hong Kong <i>Professor K F Chung</i> The Hong Kong Polytechnic University, Hong Kong SAR
12:30 pm	Lunch Break
2:00 pm Lecture 5	Corrosion Studies and Guidelines for Galvanized Steel Framed Buildings <i>Mr Rob White</i> International Zinc Association, South Africa
2:40 pm Lecture 6	Selection of Corrosion Protection System for Building Steelworks <i>Professor S P Chiew</i> Nanyang Technological University, Singapore
3:20 pm	Refreshments
3:40 pm Lecture 7	Zinc and Zinc Alloy - Synergy Partner of Light Weight Steel Structures in Building Industry <i>Mr C C Mei</i> EcoSteel Sdn Bhd, Malaysia
4:20 pm Lecture 8	Using Hot Dip Galvanized Rebars in Building Construction in Taiwan <i>Dr J R Cheng</i> Taiwan Power Research Institute, Taiwan
5:00 pm	Concluding Remarks <i>Dr C Zhang</i> Technical Manager, Nano and Advanced Materials Institute
5:15 pm	End of Day

International Symposium on Advances in Corrosion Protection to Steel Members in Building Construction

Jointly organized by
International Zinc Association,
Department of Civil and Structural Engineering, The Hong Kong Polytechnic University, and
Nano and Advanced Materials Institute Limited

Supported by
Material Division, The Hong Kong Institution of Engineers, and
The Federation of Hong Kong Machinery and Metal Industries

Date : Monday 2 November 2009

Venue : The Senate Room, M1603, Li Ka Shing Tower,

The Hong Kong Polytechnic University, Hung Hom, Kowloon, Hong Kong SAR.

Time : 8:30 am (registration) for 9:00 am to 5:10 pm

REGISTRATION FORM

To be replied on or before Monday 26 October 2009

To : Ms. Iris Cheng

Email: iris@nami.org.hk

Fax : 2358 8113

A. Personal Details:

Title	Name (in full)	Name of Company	Tel. (or Fax)	E-mail address
1.				
2.				
3.				
4.				
5.				

Postal Address: _____

B. Registration Details:

Item	Registration fee	Total no. of registration	Sub-total
1. Regular registration	HK\$ 600		
2. Group registration	HK\$ 500		
3. Registration* as Graduate Engineers graduated in or after 2005	HK\$ 450		
		Total amount:	HK\$

The registration fee includes a copy of proceedings, refreshments and a copy of CPD certificate.

Note: * A copy of graduation certificate should be provided together with this Registration Form. As there are only limited seats, this category of registration is first-come-first-served.

I enclose a crossed cheque (cheque no. _____) with the sum of HK\$ _____ for the registration fee of the captioned event.

Signature: _____ Date: _____

CPD Certificates of Attendance Please tick the appropriate box to indicate your choice:

Yes, I / we would like to have CPD certificate(s).

No, I / we do not want to have CPD certificate(s).