

## Introduction of CAI Division

Our objectives are to promote the awareness and the benefit of Control, Automation and Instrumentation to Hong Kong Industry; to introduce new and relevant technologies in these areas; to encourage and foster collaboration amongst members of CAI and other Divisions of HKIE, and with other professional Institutions / Bodies; to facilitate the exchange of information and ideas between professionals working in these areas; to encourage members to participate in the Divisional functions and activities to share experience; and to provide professional advice on CAI related matters to the public. In order to achieve these objectives, the Division organizes a programme of activities comprising intellectually interesting and applications-oriented events, such as seminars, technical presentations and visits, workshops and symposia.



The Hong Kong Institution of Engineers CAI Division (HKIE-CAI)

### Organizer:

#### Co-organizers (in Alphabetical Order):

- American Society of Heating, Refrigerating and Air-Conditioning Engineers, Inc. - Hong Kong Chapter (ASHRAE)
- Asian Institute of Intelligent Buildings (AIIB)
- Building Services Operation and Maintenance Executives Society (BSOMES)
- Hong Kong Association of Energy Engineers (HKAEE)
- The Hong Kong Institution of Engineers Young Members Committee (HKIE-YMC)
- The Institution of Engineering and Technology Hong Kong (The IET Hong Kong)
- Intelligent Transport System Hong Kong (ITS-HK)
- Macau Institution of Engineers (ACM)
- The Society of Operations Engineers Hong Kong Region (SOE)

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# CAI Symposium 2007

on

**Intelligent Facility Management  
and Intelligent Transport  
in Celebration of**

**the 20<sup>th</sup> Anniversary of CAI Division**

**28 March 2007 (Wednesday)**

**Time: 0900 – 1700**

**Hotel Miramar, 118-130 Nathan Road,  
Tsimshatsui, Kowloon, Hong Kong**



The Hong Kong Institution of Engineers  
CAI Division (HKIE-CAI)

## Honourable Advisors (Honorary Chair of Sponsors)

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## Organizing Committee

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## Tentative Program

### CAI Symposium 2007

Intelligent Facility Management (IFM) Intelligent Transport System (ITS)

#### MORNING

#### Opening Ceremony & Welcome Speech

#### Keynote Session:

- 1) **Prof. Robertus VINGERHOEDS** (Director of Technology, Siemens Ltd.)  
– (Topic to be confirmed)
- 2) **Prof. S.C. WONG** (Professor, Dept. of Civil Engineering, The University of Hong Kong)  
– Lane-based optimization of traffic equilibrium settings for area traffic control
- 3) **Ir. Ronald CHIN** (Assistant Director (Building Services), Architectural Service Department, The HKSAR Government)  
– Fostering Sustainable Building with Better Control in Indoor Environment - A Challenge for CAI and BS Professionals
- 4) **Mr. Franco FABBIAN** (General Manager - Operations, Engineering Services & International Consultancy, MTR Corporation Ltd.)  
– Automation in Railways

#### NOON (LUNCH BREAK)

#### AFTERNOON

#### Seminars on IFM

- 1) **Dr. Albert SO** (Chairman, Advisory Board, Asian Institute of Intelligent Buildings)  
– Take a Closer look at Smart Environment
- 2) **Ir William Yick** (Director, Business Development, Building Efficiency Business, Johnson Controls Hong Kong Ltd.)  
– (Topic to be confirmed)
- 3) **Dr. Sam HUI** (President, American Society of Heating Refrigerating and Air conditioning Engineers, Inc. Hong Kong Chapter)  
– (Topic to be confirmed)
- 4) **Ir Dr. Encon HUI** (President, Building Services Operation and Maintenance Executives Society)  
– Application of anti-scale magnetic treatment in re-circulating water system.
- 5) **Dr. Leonard CHOW** (Vice Chairman, Hong Kong Association of Energy Engineers)  
– Sustainable Buildings  
– The Latest Worldwide Trend in Building Development

#### Seminars on ITS

- 1) **Mr. Y.F. WONG** (Head of Technical Services & Procurement, The Hong Kong Airport Authority)  
– (Topic to be confirmed)
- 2) **Ir Jason WONG** (President, Intelligent Transport System Hong Kong)  
– Intelligent Transport System (ITS) Development in Hong Kong
- 3) **Mr. Terence LAW** (Project Manager, Railway System Department, Capital Project Division, Kowloon Canton Railway Corporation)  
– An Innovative In-train Infotainment System  
– KCR Newsline Express
- 4) **Mr. Franke WITTE** (Business Development Manager - Rail Communication, Siemens AG)  
– Rail Security  
– "Railprotect" - Intelligent Video Monitoring
- 5) **To be determined**  
– (Topic to be confirmed)

#### Souvenirs Presentation & Closing Remark

## CAI Symposium 2007 Enrollment Form

Name : (Ir/Prof/Dr/Mr/Ms) # \_\_\_\_\_  
 Company : \_\_\_\_\_  
 Position: \_\_\_\_\_  
 Correspondence Address: \_\_\_\_\_  
 Tel: \_\_\_\_\_ Fax: \_\_\_\_\_  
 E-mail: \_\_\_\_\_  
#Delete as appropriate

### Registration

Type of Guest	Registration Fee (Please "x"/"y" as appropriate)	Affiliation & Membership No.
<b>On or before 28 February 2007</b>		
Members of Organizer or Co-organizers	<input type="checkbox"/> HKD 400.00	Affiliation : _____ Membership no.: _____
Others	<input type="checkbox"/> HKD 700.00	
<b>After 28 February 2007</b>		
Members of Organizer or Co-organizers	<input type="checkbox"/> HKD 500.00	Affiliation : _____ Membership no.: _____
Others	<input type="checkbox"/> HKD 800.00	
<b>Anytime</b>		
Students	<input type="checkbox"/> HKD 100.00	

Remarks: Except Students, the fee includes a copy of symposium proceedings, lunch and refreshment.

### Payment

Please complete the form and return it to Mr. W.S. Sze, Department of Mechanical Engineering, The University of Hong Kong, Pokfulam Road, Hong Kong, together with appropriate cheque payment payable to "The Hong Kong Institution of Engineers - CAI Division"