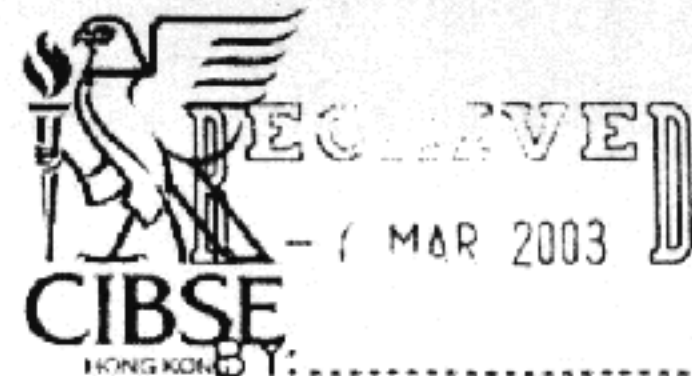




The Hong Kong Institution of Engineers
Building Services Division



ASHRAE
Hong Kong Chapter



CIBSE, Hong Kong Branch

4 March 2003

Faculty of Engineering
Department of Mechanical Engineering
University of Hong Kong
Pokfulam Road, Hong Kong

Attn. Professor S T Tan, Head of Department

Dear Professor Tan,

**2003 Mainland – Hong Kong Joint Symposium
Nomination for Competitive Student Research Project Award**

We are pleased to inform you that the 2003 Mainland – Hong Kong Joint Symposium, jointly organized by The HKIE – Building Services Division, CIBSE – Hong Kong Branch, ASHRAE – Hong Kong Chapter and the Mainland counterparts, will be held at Qingdao, Shandong on 7-9 July 2003. The theme of the symposium is on 'New technology for better built environment'. We have planned to offer an award for a good student project, based on quality of research project work, by sponsoring the basic cost for a student to attend the symposium.

On behalf of the Organizing Committee of the symposium, you are cordially invited to nominate students in your department for the competition of the project award.

1. Objectives

- To recognize outstanding student project work;
- To encourage students to participate in the dynamic profession of building services engineering;
- To promote awareness of the younger generation in the application and advancement of technology for better built environment.

2. Requirements

Each institution can nominate not more than two projects from the full-time students of MEng, MSc, Bachelor degree or sub-degree study programs for competition of the award. The project work shall be of research nature, either individual or group basis. Each nomination shall be furnished with a written article of not more than 10 pages, with format described in the Appendix, directly derived from the student project work. Where appropriate, the written article can be the coursework submission by the student(s) for fulfillment of the final year project of the program studied.



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3. Relevant Topics of Research Work

- Energy conservation / Water conservation in buildings
- Use of renewable resources, recycling, building integrated photovoltaics (BIPV)
- Mixed mode ventilation, air-flow modeling, contaminants dispersion, smoke extraction
- Combined heat, cool and power generation / Ice storage
- Comfort productivity, health and safety issues in buildings
- Building environmental performance, designs for sustainability
- Operation and maintenance issues, control and fault detection
- Optimization approaches on building services systems design
- Building automation, intelligent building services systems
- Power quality and electrical services in buildings
- Utilization of daylight
- Fire safety in buildings

4. Award

One award will be offered for the best written article, including a certificate of merit, publication of the article in the symposium proceedings and free admission to join the symposium at Qingdao covering the transportation, accommodation and symposium registration. If the project is a group work, a certificate and proceedings will be given to each student but only one representative will be supported to join the symposium. The winner may also have the opportunity to present the article in the symposium.

5. Submission of Student Project

One copy of the written article is required for each nomination, to be submitted to the Organizing Committee **on or before 28 May 2003**. The winner will be notified on 10 June 2003 and be required to provide a soft file of the complete article, in Microsoft Word with format described in the Appendix, to the Organizing Committee on or before 14 June 2003. The nomination should be sent to

Ir Dr K. T. Chan
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Hung Hom, Kowloon, Hong Kong
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K T Chan
for Organizing Committee
2003 Mainland-Hong Kong Joint Symposium
HKIE-BSD / ASHRAE-HK / CIBSE-HKB