

# Annual Report of Hong Kong Society of Theoretical and Applied Mechanics (March 12, 2005)

## I. Main Activities (since March 2004):

### (1) Three Society Lecture Series:

- Prof. Tang-Tat Ng (University of New Mexico, USA) in May 2004;
- Prof. Nimal Rajapakse (University of British Columbia, Canada) in June 2004;
- Prof. Stelios Kyriakides (University of Texas at Austin, USA) in Dec. 2004.

A total of 70 people attended the lectures.

### (2) Annual Meeting: 12 March 2005 at PolyU:

- 50 abstracts, 92 co-authors;
- Two invited distinguished seminars given by **Prof. Q.Y. Chen** (Purdue University, USA), and **Prof. S.T. Tu** (Nanjing University of Technology, East China University of Science and Technology, PRC);
- About 80 participants including representatives from Jiangsu Society of Mechanics.

### (3) Cooperation between HKSTAM and other relevant parties

- Recent progress in bilateral relation between HKSTAM and the Jiangsu Society of Mechanics (JSM) has been established. The first 'Jiangsu- Hong Kong Forum on Mechanics and Its application 2005' was held in PolyU incorporating HKSTAM Annual Conference on 12 March 2005. A delegation from JSM attended the Forum and the HKSTAM Annual Conference. Prof. S.T. Tu delivered a keynote speech during the conference on representing JSM. In the HKSTAM conference, both sides agreed to enhance further cooperation, to exchange/communicate up-dated information in research, to organize similar forums in turn, to mutually apply/organize international conference supported by IUTAM, etc.
- The second 'Shanghai-Hong Kong Forum on Mechanics and Its application 2005' would be held in Shanghai on 25 June 2005. A delegation composing of 5 to 6 EC members would be formed.
- Prof. K.T. Chau attended the Conference of South China Coordinated Network of Mechanics 2005 held in Hainan Island in January 2005. It was through this visit that the organization of Conference of South China Coordinated Network of Mechanics 2006 in Hong Kong was agreed. The target date will be July 2006, and 2006 will be the tenth anniversary of HKSTAM. It was proposed that the HKSTAM-Annual Meeting and CSCCNM-2006 would be held at the same time (in parallel) in Hong Kong.

### (4) International Conferences (2004/2005): non-financially supported by HKSTAM

- 1<sup>st</sup>IUTAM Symposium on Size Effects on Material and Structure Behavior at Micron- and Nano-Scales, May - June 2004, HKUST, Hong Kong
- 4th International Conference on Fluid Mechanics (ICFM-2004), July, Dalian, PRC
- 4th Sino (HK, Macau, Taiwan)-German Workshop on Unsteady sediment transport, Sept., 2004, Sichuan University, Chengdu, PRC

- Conference of South China Coordinated Network of Mechanics 2005, January, Hainan Island
- 1st Jiangsu-Hong Kong Forum on Mechanics and Its Application 2005, Hong Kong
- 2st Shanghai-Hong Kong Forum on Mechanics and Its Application 2005, Shanghai

There will be more conferences in 2005/06.

**(5) Current Status of HKSTAM (updated by March 11, 2005):**

More academic scholars and research students joined the Society during past year. 16 Depts. of 5 Universities are the institutional members. The official membership certificates are issued to all Institution members to appreciate their strong support.

**Full Members: 109 (68 active)**

**Student Members: 56**

**Institutional Members: 16**

HKU: ME, CE

HKUST: ME, CE, Math

HKPolyU: CSE, ME, ISE, ApplMath, ITC

CityU: BC, BST, MEEM, Math, PhyMaterials

CUHK: Automation & CAE

**II. Election of Executive Committee Members for 2005-2006**

The elected members for the next Executive Committee for 2005-2006 are:

President:	Prof. K.T. Chau	(Dept. of Civil & Struct. Eng., HKPolyU)
Vice-President:	Prof. Q.P. Sun	(Dept. of Mech. Eng., HKUST)
Secretary:	Dr. K.W. Chau	(Dept. of Civil & Struct. Eng., HKPolyU)
Treasurer:	Dr. Jane W.Z. Lu	(Dept. of Build. & Const., CityU)
Immediate Past-President:	Prof. Andrew Y.T. Leung	(Dept. of Build. & Const., CityU)
Members at Large:	Dr. K.W. Chow	(Dept. of Mech. Eng., HKU)
	Prof. S. Kitipornchai	(Dept. of Build. & Const., CityU)
	Dr. Y.K. Lee	(Dept. of Mech. Eng., HKUST)
	Dr. C.O. Ng	(Dept. of Mech. Eng., HKU)
	Dr. S.Q. Shi	(Dept. of Mech. Eng., PolyU)
	Prof. A.K. Soh	(Dept. of Mech. Eng., HKU)
	Dr. Onyx W.H. Wai	(Dept. of Civil & Struct. Eng., HKPolyU)
	Dr. Y.H. Wang	(Dept. of Civil Eng., HKUST)
	Dr. K.V. Yuen	(Dept. of Civil & Envir. Eng., UMac)
	Dr. L.M. Zhou	(Dept. of Mech. Eng., HKPolyU)
IUTAM representative:	Prof. T.X. Yu	(Dept. of Mech. Eng., HKUST)

Composed by Dr. K.W. Chau, Secretary of HKSTAM, HKSAR