



Branch Chairman's Report Session 2010-2011

Dear Members

On behalf of the Branch Committee, it is my great honour and pleasure to present to you the Branch Chairman's Report for the Session 2010-2011.

The past year has been a fruitful year for the Hong Kong Branch. It was benefited by the Visits of our Chief Executive – Mr. Stephen Tetlow in the last November as well as our President – Mr. John Wood in this March, and spiced up by the Engineering Week 2011 of which Hong Kong Branch was acted as the Programme Manager to drive this 1st ever attempt to promote engineering to students, professionals and general public in Hong Kong. In addition to the above and with the dedication and commitment from our volunteers, the Branch has managed to organise 59 learned society events (see Attachment A for details) to serve your interest.

As reported in my last Chairman Report, the institution has restructured its approach to its international membership support network, and IMechE business outside UK has been grouped into seven Regions. The aim of this is to give local members and those who volunteer more opportunity for regular contact with the Institution and for the platform to share ideas. The Regions are responsible for the Institution's membership and its' member welfares outside the UK. With this new grouping, Hong Kong is under the North East Asia Region (NEAR). In order to serve your interest better under this new arrangement, the Branch has nominated me to run for the NEAR Chairman post, our young member - Mr. Tsang, Wing Hay to run for the NEAR Young Member Representative and our Immediate Past Chairman – Ir Dr CW Tso to run for the Ordinary Member of Council under the Category of Fellow. So here is the chance for you to decide on how your view on the Institution be channeled back to the HQs. All the subject election results will be made known on 25 May 2011 in London.

With your feedbacks in the 2010 membership survey and knowing the high expectation of our local members on the branch, we have created the four Branch Sub-Committees;

- **China Sub-Committee under the leadership of our Vice Chairman
 - o **Ir Louis Szeto****
- **Branch Activity Sub-Committee under the leadership of our Hon Treasurer
 - o **Ir Simon Mak****
- **Branch Membership Sub-Committee under the leadership of our Branch Committee Member
 - o **Ir Dr Arthur Wong****
- **Engineering Week Sub-Committee under the leadership of our Branch Committee Member
 - o **Ir Barry Lee****

to enlarge the volunteer base and empower them to serve your interest better. To that end,

HONG KONG BRANCH

**Institution of
MECHANICAL
ENGINEERS**

I am glad to report that we have managed to recruit over thirty new volunteers in the Sub-Committees of whom are active and committed to the Branch's activities.

Our Chief Executive Visit in the last November to officiate the Student Chapter in Automotive Campus of South China University of Technology has laid down the foundation stone for promoting cross-border student activities, and formally kick started the China Plan for the next two years in Guangdong Province. President Wood Visit in this March has definitely lent it's weight to the smooth running of the Hong Kong Engineering Week (EW2011) of which had attracted over four thousands students, professional and general public to attend various EW2011 events. In addition to EW2011, President Wood also witnessed the signing of the MOA between GDSNAME and the Hong Kong Branch for collaboration of cross-border learned society activities. The George Stephenson Lecture cum Presidential Reception held on 10th March 2011 with unprecedented record number of attendance (over 160 guests and members including the President of ASME from USA) is definitely one of the highlights in this session.

In 2010, with the unyielding supports from our assessors, the Branch has managed to conduct 50 professional review interviews for corporate membership applications, among them 35 applicants were recommended for the election to the corporate membership representing a success rate of 70%. Also, as of 9th May 2011, the total number of local members is standing at 2,603 representing an decrease of 0.23% from last year statistics. Among them include one Hon Fellow, 98 Fellows, 1,215 Members, 381 Associate Members and 908 Affiliates.

In order to strengthen our support to our young budding engineers during their early stage of career development, the Branch has re-launched our Tutorship Programme in this June and renamed it as the Mentorship Programme. With the support of local senior members of whom have volunteered themselves as the Mentor and in conjunction with our Quarterly Young Engineer Forums, we do hope this initiative would guide and coach our young members to attain their professional engineer status as soon as practicable.

Finally, I would like to put on record my heartiest thanks to the officers, members and helpers of the Branch Committee and Sub-Committees, and YMS for their dedication, efforts and contributions to the Branch. Also, I would like to pay tribute to all Past Chairmen, Ir Edmund Leung, Ir Otto Poon, Prof Ronald So and Ir Dr CW Tso for their advice and guidance.

Last but not the least, I would like to thank you all for your unfailing support and active participation in the Branch activities, and the Branch shall count on your continual support in the coming Session.



Chow Wai Keung
Branch Chairman, 2010-2011

IMEchE HK Branch Activities Session 2010-2011

#	Date	Events
1	5 June 2010	Dragon Boat and Colour Boat Races 2010
2	23-26 June 2010	The Certified Energy Manager (CEM) Program for Professional Certification
3	28-30 June 2010	Certified Carbon Auditor Professional (CAP)
4	24 July 2010	Secondary School Promotion (SSP) Inter-School Robot Design Competition 2010
5	31 July 2010	YMS Technical Talk & Site Visit on Oil-free Chiller
6	06 August 2010	Conference for Green, Energy Efficient and Intelligent Building Technology for Low Green House Gas Emission
7	07 August 2010	YMS Technical Visit to Saiver AHU Factory
8	13 August 2010	O'camp promotion - HKUST
9	14 August 2010	Visit to CLP Emission Control Project (retrofitting FGD and SCR)
10	16 August 2010	O'camp promotion - HKU
11	27 August 2010	Safety and Health Seminar on "Prevention of Flesh-Eating Disease"
12	28 August 2010	Friendship Visit to GDCMES & South China University of Technology Automotive Engineering
13	29 August 2010	Visit to Lungxue Shipyard
14	01 September 2010	Antarctica Experience Sharing Session
15	02 September 2010	IMEchE promotion in IVE (Tsing Yi)
16	6 - 10 September 2010	University promotion - HK PolyU
17	10, 11, 13 & 14 September 2010	Certified Carbon Auditor Training Course
18	16-17 September 2010	International Conference on Carbon Reduction
19	25 September 2010	Friendship Visit to South China University of Technology
20	30 September 2010	Seminar on Value Management
21	08 October 2010	Seminar on Ultra Performance Plant Controls (UPPC) for chillers optimization
22	10 October 2010	Eco-tour
23	14-17 October 2010	YMS Shanghai Technical Visit
24	15 October 2010	Young Engineers Forum (Session 1) - Dos and Don'ts when working in China



25	22 October 2010	The 1st Greater Pearl River Delta Region Conference on Building Operation and Maintenance - Sustainable and Value-for-Money Built Facilities
26	30 October 2010	Visit to ThyssenKrupp Escalator & Passenger Boarding Bridge Production Plant in Zhongshan China
27	4,11,18,25 Nov - 2,9,16 Dec 2010	Certificate Course on Municipal Sewage Treatment Plant Design, Installation, Operation and Maintenance
28	13 November 2010	Electric Vehicle Series: Seminar on "My Car"
29	16 November 2010	Joint Technical Seminar on "The Risk of Using Risk Matrix in Assessing Safety Risks"
30	17-19 November 2010	Joint 3-day Workshop with IMechE Pressure System Group: 2-day Pressure Vessel Design using PD 5500, ASME VIII and EN13445 1-day Principles of Risk Based Inspection of Pressure Systems
31	20 November 2010	Inauguration of IVE (TY) Student Chapter
32	23 November 2010	Seminar on Professional Assessment Preparation
33	24 November 2010	"The Art of Presentation" workshop
34	24 November 2010	Seminar on "Let's Build a Smarter Planet - a Smart Building is a Green Building"
35	29 November - 5 December 2010	Visit by Chief Executive - 29 Nov: Visit to IMechE HK Office; Reception dinner by Branch Committee - 30 Nov: Visit to Macau; Meeting with China Sub-Committee - 1 Dec: Lunch with Sir SY Chung; EW2011 Press Conference; Fellow Reception - 2 Dec: Visit to HKU; Visit to Sewage Treatment Plant - 3-4 Dec: GDMES and GDAST, Inauguration Ceremony of Student Chapter in South China University of Technology (SCUT)
36	30 November 2010	Technical Seminar on "Managing Competence for Safety Critical Roles"
37	1 December 2010	Fellow Reception
38	5 December 2010	Share-to-Care volunteer Campaign
39	11 December 2010	Joint Society Christmas Party
40	12-15 January 2011	The Certified Energy Manager (CEM) Program for Professional Certification
41	17-19 January 2011	Certified Carbon Auditor Professional (CAP)
42	22 January 2011	Visit a Nursing Home - Madam Wong Chan Sook Ying Memorial Care and Attention Home for Aged
43	28 January 2011	Joint Technical Seminar on Bio-mass CHP Plant
44	31 January 2011	Career Talk for IVE TY Students
45	23-26 February 2010	Certified Carbon Auditor Training Course
46	26 February 2011	SOFE - Speak Out for Engineering Presentation Competition



47	5-13 March 2011	<p>Engineering Week 2011</p> <ul style="list-style-type: none"> - 5 Mar: Opening + Young Inventor Competition - 6 Mar: Speak Out for Engineering Presentation Competition - 7 Mar: International Conference + Gala Dinner - 7-11 Mar: Plant Visits - 8 Mar: Distinguished Public Lecture 1 & 2 - 11 Mar: Distinguished Public Lecture 3 - 12 Mar: Design for Elderly Competition - 13 Mar: Engineering Carnival + Closing Ceremony
48	7-8 March 2011	The Second International Conference on Utility Management & Safety
49	6-11 March 2011	<p>Presidential Visit</p> <ul style="list-style-type: none"> - 6 Mar: Reception dinner by Branch Committee - 7 Mar: Engineering Week International Conference as one of the keynote speakers + Gala Dinner - 8 Mar: Visit to University of Macau + MoA signing with GDSNAME - 9 Mar: Visit to Long Xue Shipyard + ASME Presidential Reception - 10 Mar: Visit to HKUST and meeting staff and students + Lunch with Sir SY Chung + GSL cum Presidential Reception
50	23 March 2011	Joint Risk Management and Safety Seminar on "Lessons Learnt from the Japan Nuclear Crisis – A Safety Practitioner's Perspective"
51	23-27 March 2011	Joint Technical Visit to Singapore
52	7 April 2011	HKIE Environmental Division Annual Seminar "Green Transport for Low Carbon City"
53	8 April 2011	Seminar on Dispute Resolution - how should one handle this?
54	8 April 2011	Technical Meeting on Biogas Instrumentation Solution to Quantify Carbon Emission for CDM Projects
55	9-10 April 2011	SOFE - Speak Out for Engineering Presentation Competition (Regional)
56	16 April 2011	Joint Society Basket Ball Competition
57	5 May 2011	YMS Annual General Meeting for Session 2010-2011 cum Route to Membership Seminar
58	11-12 May 2011	CIWEM HK Water Conference 2011 - Advanced Technologies and Practices in Water Management
59	13 May 2011	Hong Kong Branch AGM and Annual Dinner

RESULTS OF MEMBER SURVEY 2011

The IMechE HK Branch Member Survey 2011 was distributed to all the members as attached in the IMechE HK Branch Newsletter 2011. A total of **12** surveys are received. And the survey results are summarized as follows.

SECTION 1: Your Information – Help Us to Understand You More

1. How many years have you been a member of IMechE?

ANSWER	2011		2010	Difference
	COUNT	%	%	
< 1 Year	0	0.00%	10.00%	-10.00%
Between 2 to 8 Years	1	8.33%	30.00%	-21.67%
Between 9 to 15 Years	4	33.33%	25.00%	8.33%
More Than 15 Years	7	58.33%	35.00%	23.33%
TOTAL	12	100%	100.00%	

2. What is (are) your reason(s) for joining IMechE/maintaining membership?

ANSWER	2011		2010	Difference
	COUNT	%	%	
Status	8	29.63%	25.00%	4.63%
Career Advancement	6	22.22%	23.00%	-0.78%
Source of technical information	7	25.93%	26.00%	-0.07%
Knowledge sharing and networking	5	18.52%	26.00%	-7.48%
Others	1	3.70%	0.00%	3.70%
TOTAL	27	100%	100.00%	

Others: As usual

RESULTS OF MEMBER SURVEY 2010 (Con'd)

3. Which is (are) your area(s) of interest?

ANSWER	2011		2010	Difference
	COUNT	%	%	
Transportation	3	6.12%	4.20%	1.92%
Engineering Management	5	10.20%	10.50%	-0.30%
Power and Energy	6	12.24%	16.80%	-4.56%
Environmental	6	12.24%	14.70%	-2.46%
Presentation Skills	4	8.16%	4.20%	3.96%
Law, Accounting and finance	2	4.08%	4.90%	-0.82%
Project Management	8	16.33%	16.10%	0.23%
Product Design	1	2.04%	4.90%	-2.86%
Safety	4	8.16%	9.10%	-0.94%
Government and Policy	4	8.16%	5.60%	2.56%
Networking Functions	4	8.16%	2.80%	5.36%
Quality Management	2	4.08%	4.20%	-0.12%
Others	0	0.00%	2.10%	-2.10%
TOTAL	49	100%	100%	

4. Where is your primary working location?

ANSWER	2011		2010	Difference
	COUNT	%	%	
Mainland (Long Term)	1	8.33%	13.00%	-4.67%
Mainland (Short Term)	0	0.00%	32.60%	-32.60%
Hong Kong / Macau	10	83.33%	52.20%	31.13%
Others	1	8.33%	2.20%	6.13%
TOTAL	12	100%	100.00%	

Others: Retired

RESULTS OF MEMBER SURVEY 2010 (Con'd)

5. Are you a member of any other professional engineering institutions in the past 3 years?

ANSWER	2011		2010	Difference
	COUNT	%	%	
ASME	0	0.00%	3.40%	-3.40%
CIBSE	2	11.11%	15.30%	-4.19%
IEAust	2	11.11%	6.80%	4.31%
IStrucE	0	0.00%	0.00%	0.00%
IET	2	11.11%	1.70%	9.41%
HKIE	10	55.56%	54.20%	1.36%
Others	2	11.11%	18.60%	-7.49%
TOTAL	18	100%	100.00%	

Others:

1. IPENZ
2. ICE
3. IMMM
4. RICS
5. CIOB
6. EI
7. INucE
8. IOSH

SECTION 2: Information/Opinion On The Past IMechE HK Branch Events

6. Which type(s) of IMechE events have you attended last year?

ANSWER	2011		2010	Difference
	COUNT	%	%	
Seminar	10	45.45%	43.40%	2.05%
Technical Visit	2	9.09%	18.40%	-9.31%
Conference	3	13.64%	6.60%	7.04%
Certificate Course	0	0.00%	10.50%	-10.50%
Competition	0	0.00%	1.30%	-1.30%
Sport	0	0.00%	0.00%	0.00%
Social Activity	2	9.09%	5.30%	3.79%
Gathering	4	18.18%	6.60%	11.58%
Volunteering and Education	1	4.55%	3.90%	0.65%
Others	0	0.00%	3.90%	-3.90%
TOTAL	22	100%	100%	

RESULTS OF MEMBER SURVEY 2010 (Con'd)

7. Where did you learn about these IMechE Events?

ANSWER	2011		2010	Difference
	COUNT	%	%	
IMechE website	2	10.53%	23.20%	-12.67%
IMechE e-circulation	10	52.63%	39.10%	13.53%
Colleagues or Friends	0	0.00%	1.40%	-1.40%
IMechE Newsletter	6	31.58%	36.20%	-4.62%
University	1	5.26%	0.00%	5.26%
Others	0	0.00%	0.00%	0.00%
TOTAL	19	100%	100%	

8. What is the percentage of society-organized events you have attended last year was from IMechE HK Branch?

ANSWER	2011		2010	Difference
	COUNT	%	%	
< 20%	10	83.33%	62.20%	21.13%
Between 20% and 40%	1	8.33%	18.90%	-10.57%
Between 40% and 60%	0	0.00%	18.90%	-18.90%
Between 60% and 80%	0	0.00%	0.00%	0.00%
More Than 80%	1	8.33%	0.00%	8.33%
TOTAL	12	100%	100%	

RESULTS OF MEMBER SURVEY 2010 (Con'd)

9. What is your overall impression on the events organized by IMechE HK Branch last year?

ANSWER	2011		2010	Difference
	COUNT	%	%	
Excellent	1	8.33%	7.90%	0.43%
Good	4	33.33%	60.50%	-27.17%
Average	7	58.33%	26.30%	32.03%
Fair	0	0.00%	5.30%	-5.30%
Others	0	0.00%	0.00%	0.00%
TOTAL	12	100%	100%	

10. Which of the following institutional event(s) have you attended in the past 3 years?

ANSWER	2011		2010	Difference
	COUNT	%	%	
ASME	1	4.76%	8.60%	-3.84%
CIBSE	4	19.05%	20.00%	-0.95%
IEAust	2	9.52%	5.70%	3.82%
IStrucE	0	0.00%	0.00%	0.00%
IET	1	4.76%	7.10%	-2.34%
HKIE	12	57.14%	50.00%	7.14%
Others	1	4.76%	8.60%	-3.84%
TOTAL	21	100%	100%	

Others:

1. HKAEE
2. HKGBC
3. EI

SECTION 3: Suggestions on Future IMechE HK Branch Events

11. Which type(s) of TECHNICAL events are you interested in?

ANSWER	2011		2010	Difference
	COUNT	%	%	
CPD Training Course	3	9.38%	15.60%	-6.23%
Technical Visit	5	15.63%	21.10%	-5.48%
Technical Meeting	5	15.63%	12.50%	3.13%
Certificate Course	3	9.38%	9.40%	-0.03%
Technical Talk	10	31.25%	20.30%	10.95%
Conference/Seminar	6	18.75%	21.10%	-2.35%
Others	0	0.00%	0.00%	0.00%
TOTAL	32	100%	100%	

RESULTS OF MEMBER SURVEY 2010 (Con'd)

12. Which type(s) of NON-TECHNICAL events are you interested in?

ANSWER	2011		2010	Difference
	COUNT	%	%	
Social Activity	4	22.22%	16.90%	5.32%
Gathering	3	16.67%	20.00%	-3.33%
Personal Skill Development	3	16.67%	23.10%	-6.43%
Sport Training and Competition	2	11.11%	12.30%	-1.19%
Volunteering and Education	5	27.78%	13.80%	13.98%
Special Interest Groups (Eco-Tour, Golf, Wine Tasting, etc.)	1	5.56%	13.80%	-8.24%
Others	0	0.00%	0.00%	0.00%
TOTAL	18	100%	100%	

13. Which is(are) your area(s) of interest?

ANSWER	2011		2010	Difference
	COUNT	%	%	
Engineering Management	6	10.00%	7.70%	2.30%
Automotive	2	3.33%	4.60%	-1.27%
Biomechanical Engineering	0	0.00%	1.50%	-1.50%
Waste Management	4	6.67%	5.60%	1.07%
Natural Gas/LPG Applications	0	0.00%	3.60%	-3.60%
Legal & Finance for Engineering	4	6.67%	8.20%	-1.53%
Product Design	1	1.67%	3.60%	-1.93%
Manufacturing Science and Engineering	2	3.33%	2.60%	0.73%
Energy Resources Technology	5	8.33%	10.30%	-1.97%
Project Management	8	13.33%	9.20%	4.13%
Power Plant Technology	3	5.00%	5.10%	-0.10%
Turbomachinery	1	1.67%	1.00%	0.67%
Engineering Materials and Technology	4	6.67%	7.70%	-1.03%
Boiler and Pressure Vessel Technology	0	0.00%	3.10%	-3.10%
Renewable Technology	8	13.33%	15.40%	-2.07%
Vibration and Acoustics	3	5.00%	4.60%	0.40%
Soft Skill Development	6	10.00%	3.60%	6.40%
Fluids Engineering	3	5.00%	1.50%	3.50%
Others	0	0.00%	1.00%	-1.00%
TOTAL	60	100%	100%	

RESULTS OF MEMBER SURVEY 2010 (Con'd)

14. Are you interested in any overseas or PRC activities?

ANSWER	2011		2010	Difference
	COUNT	%	%	
Yes	8	66.67%	67.50%	-0.83%
No	3	25.00%	30.00%	-5.00%
Others	1	8.33%	2.50%	5.83%
TOTAL	12	100%	100%	

Others: So so

15. Please write down any further opinions / suggestions on events organized by IMechE HK?

- To promote the status of IMechE events should be held
- Organize more interesting and technical seminar. Collaboration with other institutions

16. IMechE Membership

ANSWER	2011		2010	Difference
	COUNT	%	%	
Hon Fellows/ Fellows	4	33.33%	5.60%	27.73%
Member	4	33.33%	77.80%	-44.47%
Associate	3	25.00%	16.70%	8.30%
Unknown	1	8.33%	0.00%	8.33%
TOTAL	12	100%	100%	