



Branch Chairman's Report - Session 2009-2010

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 2009-2010.

The past year has been an eventful year for the Hong Kong Branch. Despite the aftermath of the Global Financial Crisis and the uncertainty caused by the HQ's International Structure Review, the Branch has managed to organise 52 learned society events (see Attachment A for details) to serve your interest.

With the formation of the Asia Oceania Forum, the respective overseas Branches have lost their seats in the Council. In view of the strong discontent being expressed by all overseas Branches, the President has directed an International Structural Review to redress the situation. The latest development on the subject is that the Asia - Oceania Forum would be replaced by 3 Regions - West Asia Region, East Asia Region and Oceania Region. Hong Kong Branch would be grouped into East Asia Region. During the Asia Oceania Forum #2 Meeting held in Singapore on 10-11 April 2010, it was further suggested that East Asia Region should be transformed into North East Asia Region and South East Asia Region to give a better proportional representation in the Council. Future development on the subject after the discussion in the upcoming International Strategy Board meeting in London would be posted in the Branch website for your reference.

As reported in the Branch Newsletter (Feb., 2010), the Four Branch Task Forces have since made significant progress in their respective areas. PRC Task Force has conducted a successful Route to Membership Seminar in Guangzhou with 300+ participants in March, 2010. Engineering Promotion Task Force, with commitments from IMechE-HK Branch, HKIE-MMNC, ASME-HK Section, HKU and PolyU has raised HK\$150K starting fund for the Engineering Week Programme. Good responses to the Branch Member Interest Survey (see Attachment B for the Survey's results) have enabled us to have a better understanding on your needs. The winning branch banner design selecting from the enthusiastic submissions has definitely help to promote the Branch's local identity. Our local Speak Out for Engineering Champion - Jimmy Chan has outperformed the other six remarkable contestants to win the Regional Speak Out for Engineering on 11 April 2010 in Singapore. Two years in a row, our young and hopeful budding engineers

have demonstrated that they have the ability and capacity to compete in the international arena. The George Stephenson Lecture cum Presidential Reception held on 29th April 2010 of which was very well received by Members is definitely a high note in finishing this session.

In 2009, with the unyielding supports from our assessors, the Branch has managed to conduct 33 professional review interviews for corporate membership applications, among them 23 applicants were recommended for the election to the corporate membership representing a success rate of 69.7%. Also, as of 4th May 2010, the total number of local members is standing at 2609 representing an increase of 3.5% from last year statistics. Among them include one Hon Fellow, 93 Fellows, 1270 Members, 408 Associate Members and 837 Affiliates. I am glad to report that it is first time in recent years that we have recorded an increase in the membership grade of Member, Associate Member and Affiliate.

As one of our young members' initiatives, South China Morning Post has granted our young engineers a regular column in their Young Post so that we now have another platform to arouse youngsters' interest in perusing engineering in their college study. Please look out for our young engineers' articles (Mr. WH Tsang and Ms Clare Luk) in the SCMP-Young Post starting in early May to see how our young engineers could inspire our students in engineering.

Finally, I would like to put on record my heartiest thanks to the officers, members and helpers of the Branch Committee, 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, and the Branch shall count on your continual support in the coming Session.



Chow Wai Keung
Branch Chairman, 2009-2010

IMechE HK Branch Activities - Session 2009-2010

1	8 May – 12 June 2009	Certificate Course on Mechanical Ventilation System for Tunnel Infrastructure Design, Installation and Management
2	16 May 2009	Dragon Boat and Colour Boat Races 2009
3	21 May 2009	Seminar on Work Injury Management: Western and Local Approach”
4	22 May 2009	Joint Seminar on Safety and Health Seminar on H1N1
5	26 May 2009	Seminar on Skin Care for Legal/Engineering Professionals (Support)
6	4-7 June 2009	Technical Study Tour to Taiwan
7	18-19 June 2009	Training course on Professional PRC Safety Engineer (Support)
8	20-21 June 2009	Hong Kong Young Engineers China Study Programme – Shenzhen’s National School of Administration
9	29-30 June 2009	Career and Education Expo 2009 (Support)
10	16 July 2009	Seminar on Guide to Application for Energy-cum-carbon Audits Project”
11	4 August 2009	Seminar on Lift Safety
12	18-29 August 2009	Certificate Training Workshop: CFD Simulation for Air Ventilating Assessment (6 Sessions)
13	26 August 2009	Seminar on The Usefulness of Pipe Condition Surveys (PCS) by non-destructive methods for Utility Safety Improvement
14	3 Sept 2009	IMechE Membership Promotion for IVE (Hong Kong Institute of Vocational Education)
15	25 Sept 2009	Visit to Chinese Mechanical Engineering Society (CMES) in Guangdong China
16	26 Sept 2009	Technical Visit to Shell Hong Kong Ltd (Tsing Yi Terminal)
17	7-9 Oct 2009	International Conference on Climate Change 2009 (Partner Organization)
18	14 Oct 2009	Technical talk on Water leakage detection and control (WLD) with safety work in Hong Kong (Support)
19	21 Oct 2009	Technical meeting on Wind Power in Hong Kong and in China
20	20-22 Oct 2009	Training Course on Pressure Vessel – Design, Fabrication, Inspection, Repairs an Alterations (Support)
21	24 Oct 2009	International Coastal Cleanup 2009
22	29-31 Oct 2009	International Project Management Forum (IPMF 2009) (Support)
23	31 Oct 2009	Seminar on The Sustainability of the Health and Safety Agenda
24	12 Nov 2009	Seminar on Boiler and Pressure Vessels Safety
25	13 Nov 2009	Seminar by John Wintle on IMechE’s recent developments and Pressure Systems Group activities

**IMechE HK Branch Activities (Con'd)
- Session 2009-2010**

26	21 Nov 2009	Eco-Forum on Globalization – Being Environmentally Friendly
27	26 Nov 2009	Seminar on Learning from Major Accidents
28	1 Dec 2009	Technical Visit to Check Lap Kok DHL Central Asia Hub
29	5 Dec 2009	Young Inventor Competition for Secondary Schools – First Round
30	12 Dec 2009	Joint Societies Christmas Party
31	19 Dec 2009	Elderly Home Visit
32	8 Jan 2010	Secondary School Promotion on Inter-School Renewable Energy Contest
33	15 Jan 2010	Technical Visit to Guangzhou Hitachi Chiller Production Plant
34	20-23 Jan 2010	Certified Carbon Auditor Training Course
35	23 Jan 2010	CEO Forum with IMechE Fellow members
36	24 Jan 2010	Eco Tour
37	30 Jan 2010	Young Inventor Competition for Secondary Schools – Final Round
38	3 Feb – 21 April 2010	Certificate Training Course on Management of Lifts & Escalators (6 Sessions)
39	3 March 2010	Seminar on Building Safety and Maintenance
40	4-10 March 2010	Study Mission to Brisbane, Australia
41	6 March 2010	Speak Out for Engineering Presentation Competition (Hong Kong)
42	13 March 2010	Technical Visit to Honda Motorcycles Factory at Guangzhou, China
43	21 March 2010	Joint Eco-tour to Siu Sai Wan to Shek O for Geological Study
44	27 March 2010	Technical Visit to Solar Diesel Hybrid Power Generation System for Tong Ping Chau Public Washroom
45	27 March – 27 April 2010	Certificate Course on Municipal Sewage Treatment Plant Design, Installation, Operation and Maintenance (5 Sessions)
46	10-11 April 2010	Speak Out for Engineering Presentation Competition (Singapore)
47	17 April 2010	Technical visit to Dapeng LNG Receiving Terminal
48	24 April 2010	Wine Tasting for Beginner Young Engineers
49	29 April 2010	George Stephenson Lecture cum Presidential Reception
50	30 April 2010	Seminar on The Usefulness of Pipe and Strand Condition Surveys (PCS) by Non-destructive Methods for Safety Improvement
51	7 May 2010	YMS Annual General Meeting for Session 2009-2010 cum Route to Membership Seminar - "Preparation & Tips for Professional Interview"
52	14 May 2010	Hong Kong Branch AGM and Annual Dinner

RESULTS OF MEMBER SURVEY 2010

The IMechE HK Branch Member Survey 2010 was distributed to all the members as attached in the IMechE HK Branch Newsletter 2010. A total of 39 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	COUNT	%
< 1 Year	4	10.0%
Between 2 to 8 Years	12	30.0%
Between 9 to 15 Years	10	25.0%
More Than 15 Years	14	35.0%
TOTAL	40	100.0%

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

ANSWER	COUNT	%
Status	25	25.0%
Career Advancement	23	23.0%
Source of technical information	26	26.0%
Knowledge sharing and networking	26	26.0%
Others	0	0.0%
TOTAL	100	100.0%

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

ANSWER	COUNT	%
Transportation	6	4.2%
Engineering Management	15	10.5%
Power and Energy	24	16.8%
Environmental	21	14.7%
Presentation Skills	6	4.2%
Law, Accounting and finance	7	4.9%
Project Management	23	16.1%
Product Design	7	4.9%
Safety	13	9.1%
Government and Policy	8	5.6%
Networking Functions	4	2.8%
Quality Management	6	4.2%
Others	3	2.1%
TOTAL	143	100.0%



RESULTS OF MEMBER SURVEY 2010 (Con'd)

Others:

1. Route to Corporate Membership other than formal training path
2. Professional interview
3. General Management
4. Mechanical

4. What is your primary working location?

ANSWER	COUNT	%
Mainland (Long Term)	6	13.0%
Mainland (Short Term)	15	32.6%
Hong Kong / Macau	24	52.2%
Others	1	2.2%
TOTAL	46	100.0%

Others: S.E. Asia

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

ANSWER	COUNT	%
ASME	2	3.4%
CIBSE	9	15.3%
IEAust	4	6.8%
IStrucE	0	0.0%
IET	1	1.7%
HKIE	32	54.2%
Others	11	18.6%
TOTAL	59	100.0%

Others:

- | | |
|--|--|
| <ol style="list-style-type: none"> 1. INoo 2. IMA 3. SOE 4. IGEM 5. IMarEST 6. Australian Institute of Building 7. MCIWEM 8. FCIPHE 9. ASHRAE | <ol style="list-style-type: none"> 10. CMES 11. SME 12. PMI 13. IEEE 14. CIPHE 15. IFireE 16. CIWEM |
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RESULTS OF MEMBER SURVEY 2010 (Con'd)

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

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

ANSWER	COUNT	%
Seminar	33	43.4%
Technical Visit	14	18.4%
Conference	5	6.6%
Certificate Course	8	10.5%
Competition	1	1.3%
Sport	0	0.0%
Social Activity	4	5.3%
Gathering	5	6.6%
Volunteering and Education	3	3.9%
Others	3	3.9%
TOTAL	76	100.0%

7. Where did you learn about these IMechE Events?

ANSWER	COUNT	%
IMechE website	16	23.2%
IMechE e-circulation	27	39.1%
Colleagues or Friends	1	1.4%
IMechE Newsletter	25	36.2%
University	0	0.0%
Others	0	0.0%
TOTAL	69	100.0%

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

ANSWER	COUNT	%
< 20%	23	62.2%
Between 20% and 40%	7	18.9%
Between 40% and 60%	7	18.9%
Between 60% and 80%	0	0.0%
More Than 80%	0	0.0%
TOTAL	37	100.0%



RESULTS OF MEMBER SURVEY 2010 (Con'd)

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

ANSWER	COUNT	%
Excellent	3	7.9%
Good	23	60.5%
Average	10	26.3%
Fair	2	5.3%
Others	0	0.0%
TOTAL	38	100.0%

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

ANSWER	COUNT	%
ASME	6	8.6%
CIBSE	14	20.0%
IEAust	4	5.7%
IStrucE	0	0.0%
IET	5	7.1%
HKIE	35	50.0%
Others	6	8.6%
TOTAL	70	100.0%

Others:

1. SOE
2. IGEM
3. IMarEST
4. CIWEM
5. ASHRAE
6. Energy Institute
7. BSOMES
8. RICS
9. HICIS
10. PolyU



RESULTS OF MEMBER SURVEY 2010 (Con'd)

SECTION 3: Suggestions on Future IMechE HK Branch Events

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

ANSWER	COUNT	%
CPD Training Course	20	15.6%
Technical Visit	27	21.1%
Technical Meeting	16	12.5%
Certificate Course	12	9.4%
Technical Talk	26	20.3%
Conference/Seminar	27	21.1%
Others	0	0.0%
TOTAL	128	100.0%

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

ANSWER	COUNT	%
Social Activity	11	16.9%
Gathering	13	20.0%
Personal Skill Development	15	23.1%
Sport Training and Competition	8	12.3%
Volunteering and Education	9	13.8%
Special Interest Groups (Eco-Tour, Golf, Wine Tasting, etc.)	9	13.8%
Others	0	0.0%
TOTAL	65	100.0%



RESULTS OF MEMBER SURVEY 2010 (Con'd)

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

ANSWER	COUNT	%
Engineering Management	15	7.7%
Automotive	9	4.6%
Biomechanical Engineering	3	1.5%
Waste Management	11	5.6%
Natural Gas/LPG Applications	7	3.6%
Legal & Finance for Engineering	16	8.2%
Product Design	7	3.6%
Manufacturing Science and Engineering	5	2.6%
Energy Resources Technology	20	10.3%
Project Management	18	9.2%
Power Plant Technology	10	5.1%
Turbomachinery	2	1.0%
Engineering Materials and Technology	15	7.7%
Boiler and Pressure Vessel Technology	6	3.1%
Renewable Technology	30	15.4%
Vibration and Acoustics	9	4.6%
Soft Skill Development	7	3.6%
Fluids Engineering	3	1.5%
Others	2	1.0%
TOTAL	195	100.0%

Others:

1. Building Services.
2. Railway Technology

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

ANSWER	COUNT	%
Yes	27	67.5%
No	12	30.0%
Others	1	2.5%
TOTAL	40	100.0%

Others: Depend on time schedule

RESULTS OF MEMBER SURVEY 2010 (Con'd)

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

- Experience sharing on applying corporate membership by general experience route (interview and report writing)
- Organize more activities jointly with HKIE/CIBSE/ASME and provide the status in HK.
- To provide/organize accredited course
- Suggest to organize more events on energy recovery system and technology
- Free CPD and Seminars/Conferences
- More courses on the upgrading for the knowledge in HK mechanical engineer's statutory rise are welcomed. (e.g. boilers, building energy codes, etc.)
- After launch of the MBEC, IMechE shall promote the yearly audit of centralized A/C systems by professional engineers as statutory requirement, I think this can minimize energy wastage.
- Online enrollment of events
- Online member survey
- Events or visits to Japan engineering/manufacturing facilities in Japan.
- Hold more events related to railway technology, e.g. technical talk on railway vehicle design, track rail design, vehicle dynamic simulation, etc.
- Distance learn course in postgraduate level
- Video sharing on some CPD talks/presentations
- Charity Activity

16. IMechE Membership

ANSWER	COUNT	%
Hon Fellows/ Fellows	2	5.6%
Member	28	77.8%
Associate	6	16.7%
Affiliates	0	0.0%
TOTAL	36	100.0%