HKIE-YMC

25th Anniversary Special Publication

Looking Forward



25th Anniversary

Special Publication

Chairman's Message	1
YMC Family 2009/10	2
Engineering Sustainability: Build our Green Future	7
Past Chairmen's Messages	11
Our Love to the Society	15
Our Involvement in Sichuan Reconstruction	16
In the past 25 Years...	18
Delegation Experience	20
Liaison With Professionals	22
Theme Song - The Jubilee Dream	23
The 25th Annual General Meeting Report 2009/10	
Working Group Reports	24
International Experience	30
Outstanding Helper Award	32
Best Report Award	32

© 2010 HKIE - YMC



25th Anniversary

Chairman's message



Welcome to this special publication to mark the 25th anniversary of the HKIE-YMC.

Looking back, certain accomplishments stood out. In the early years, our founding members, just four or five of them, concentrated mostly on getting the rules setup and laying a foundation for the future development of YMC.

Soon after, we have taken off.

At the Institutional level, we only served members at or below the age of 32 in the beginning. Today, we expanded our scope to serving members of all grades and disciplines, at or below the age of 35, totaling over 4,500. We have also gained representation in the Council, Planning Committee, Learned Society Board, Continuing Professional Development Committee, Public Relations Committee and all Divisions to let the voices of young engineers be heard.

In addition, we now regularly hold over 100 events each session. From seminars to site visits, from training camps to community services, from outings to sporting events, our goal is to enable young engineers to develop into well-rounded leaders who are equipped with not only technically competence, but are also equipped with the necessary communication, team-building and managerial skills that are vital to their success in the 21st century.

Also important to young engineers in the new century is their ability to think and act beyond industry and country boundaries.

To this end, YMC regularly holds joint functions with other young professional bodies, including accountants, arbitrators, lawyers, planners and surveyors, to allow young engineers to enlarge their social circles. Moreover, we participated in international engineering conferences, such as the World Engineers Convention and the Conference of Asian Federation of Engineering Organizations, to keep members abreast of the latest development in the industry around the world.

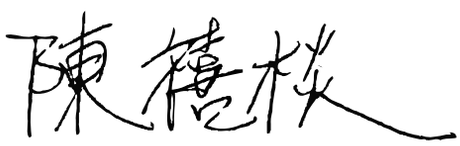
Need not to mention is our Overseas and Mainland Delegations. In the last 25 years, young engineers travelled to countries like Australia, Canada, Denmark, Dubai, Japan, the Netherlands, Singapore, the United Kingdom and the United States. For Mainland China, we visited locations such as Beijing, Gansu, Jiangsu, Sichuan, Tianjin, Wuhan, Xinjiang and Yunan. It is our goal to widen the exposure of young engineers through these delegations.

The endings we experience in life are inevitably beginnings as well.

As this book is published, we have almost come to the end of our 25th session. A new silver jubilee for YMC is about to begin. Life is a series of cycles of beginnings and endings. As we close this session and view the results of one cycle captured in this book, it is important to remain mindful of the energy forces represented. This energy emanates from our young members, helpers and committees, past and present, in a concentrated and focused effort to achieve ever higher grounds for YMC.

Enjoy this history book of YMC. It represents the work of the YMC family. It represents joy, accomplishment and understanding. It represents team building, group working and problem solving.

Whether you are young engineers, senior engineers or professionals from other industries, place this publication in your library as a remembrance of the achievement YMC has made since 1985.



Leo H Y CHAN
YMC Chairman 2009/10

75 Anniversary

YMCA Family 2009/10

Advisor



Ir CHOY Kin-kuen

Co-opted Member (from Council)



Ir YIM Kin-ping

Co-opted Member (from Council)



Ir YUEN Pak-leung

Past Chairman (Observer)



Ir Johnson K C LEE

Past Chairman (Observer)



Sally S Y LEUNG

25th Anniversary

to the love, care and concern of the entire earth village



Immediate Past Chairman

Crystal W C HO

Control Automation & Instrumentation Division

"I love Hong Kong, I love GREEN". Building our GREEN future, it is not just the slogan broadcast by the Government but also the theme of the 25th Anniversary of YMC. YMC has been working hard to organize GREEN activities so as to broaden young members' horizons on this topic. Let's work together and use our engineering innovation to build our GREEN future!

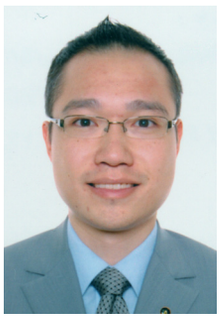


Deputy Chairman

Arlene W L LO

Planning Committee & Community Services Committee

YMC stands alone as one of the most prominent young engineers' body in Hong Kong. It proved that we should continue to stick on our basic vision. However, there are new challenges ahead such as increasing expectation from public to engineer, visibility of engineer in the community, climate change issue etc. As a young engineer, we should be well preparing for these challenges and YMC is here to provide help for that.

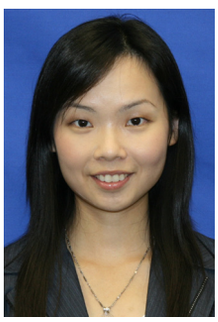


Honorary Treasurer

Trevor C W TANG

Continuing Professional Development Committee & Safety Specialist Group

Congratulations to the 25th Anniversary of the YMC! Without prejudice, YMC has been striving to facilitate the growth and development of young engineers since 1985. I wish YMC every success in excelling the past and brightening the future of not only the engineering industry but also the society!



Honorary Secretary

Mandy M Y LEUNG

Public Relations Committee & Biomedical Division

Time flies since connected with the YMC family. Throughout the years, I witnessed the revolution of YMC into a more mature group in encouraging young engineers to get more involved in the industry, and link up cross- discipline engineers for diversified development. I have full confidence in YMC in keeping up the energy and enthusiasm for nurturing young engineers towards our sustainable future.



25th Anniversary Special Duty Group Co-ordinator

Carrie K Y LEUNG

Nuclear Division

Being the coordinator of the 25th anniversary special duty group this session, the first task of our team is to design a logo and slogan to match our theme of this meaningful year - "Sustainability". We, engineers, all have a role to play in engineering sustainability for our future generation. Let's get started. Let's BUILD OUR GREEN FUTURE together!!

25th Anniversary

I love Hong Kong, I love GREEN



Visits Group Co-ordinator

Vincent C T LEUNG

Mechanical, Marine, Naval Architectural and Chemical Division

Congratulations to the 25th Birthday of YMC!
I am so pleased and excited to have taken part in this wonderful year of the 25th anniversary. In this marvelous year, I believe that all of you could feel the enthusiasm and share the joy of all the committee members and helpers through various activities and events. Wishing YMC keep standing forefront of young engineering profession in Hong Kong and many success in the future!!



Visits Group Co-ordinator

Emily W S HUNG

Environmental Division

YMC delivered a wide range of technical and non -technical activites towards our young engineer so that they can broaden their mind and profession. In the past year, I am pleased to work with a number of helpers to bring success in our activities. I herewith sincerely thank my helpers for their support in assisting in these activities!



Non-technical Programmes Group Co-ordinator

Swing S W LAM

Civil Division

YMC organises over hundred of activities every year. We organise seminars (technical / non-technical), visits, training camp, etc aiming to nurture the young professionals. Throughout the past 25 years, more and more young members have registered and benefited from joining YMC's activities. If you have not yet joined us, do take part and explore more in the coming year!



Public Relations Group Co-ordinator

Regis L G CHEE

Information Technology Division

When it comes to the silver jubilee of YMC, we're not only celebrating the 25 years of zenithal achievement by young engineers in the society, but also looking forward to the sustainable development of both engineering industry and the society of Hong Kong towards the golden years. Our mission is no longer just bounded to design and construction, but also to the love, care and concern of the entire earth village.



Community Services Group Co-ordinator

Iman W M LAI

Geotechnical Division

Happy 25th anniversary to YMC! I feel very honoured to work with committee members, helpers and various organizations organizing activities including community services for people in need. Delegation to Dubai was a special and memorable experience to me. This delegation not only broadened my horizon, but also expanded my social network. I will continue to do my utmost to serve the community.



Social, Cultural and Arts Group Co-ordinator

Ryan H L CHAK

Fire Division

YMC has organized over 100 events each year. One of my memorable experiences was the China Delegation to Gansu. The delegation explored the spacecraft technology as well as the historical and cultural development in the north-west China. During the delegation, we visited the East Wind launch facility, one of the largest satellite launch center in China. Besides, we also visited Dunhuang mural which is also world famous.



Seminars Group Co-ordinator

Nga Kit CHAN

Electronics Division

"Build our green future" – it gets to the point of what we do, what we believe and where we started.
What we do – We are committed to develop young engineers to add green color to the community.
What we believe – we believed our actions would contribute to the next green generations.
Where we started – we started with the delivery of various activities to address to our young engineers the climate change issue.



Webmaster & Publicity Group Co-ordinator

Ken T K CHAN

Electrical Division

Sustainability concerns about the future of our world. Therefore YMC is crucial to sustainability since it takes the role of developing social conscious, global-minded and innovative young engineers for the future. In this regard, YMC should carry on linking up our young engineers to the engineering world of tomorrow!



Human Resources Group Co-ordinator

Cynthia W S LAW

Manufacturing & Industrial Engineering Division

Times fly, this is the 25th year– a big milestone of YMC. With the full support of HKIE, I believe YMC is now the strongest among the past, but this is not the end. I wish YMC will be stronger and stronger!!! Congratulations to the 25th Anniversary of YMC!! Wish YMC all the Best!



Sports and Recreation Group Co-ordinator

Samson M Y CHAN

Material Division

As young engineers, we always face the challenge of getting a balance between sustainability and project delivery. To do so, young engineers should use our greatest weapon, creativity, to think of new ways to tackle engineering problems and produwce a sustainable product. As a committee member, I organized activities like eco-tours and hiking to allow young engineers to treasure the natural resources we have and keep alerted on sustainability while delivering projects.

25Anniversary

what we do, what we believe and where we started

25 YMC Anniversary

Come and Join us!

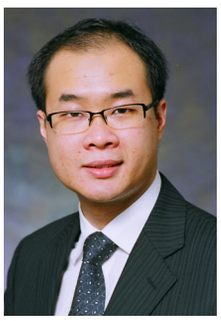


Graduates Promotion Group Co-ordinator

Annie O Y CHAN

Gas & Energy Division

Congratulations to YMC on the Silver Anniversary. It is my great pleasure to be part of the YMC family at this unforgettable moment. 25 years of togetherness, 25 years of sharing, 25 years of trust. Developing through 25 years' journey from a small group to a well-organized committee is not an easy way, but our young engineers have made it come true. Thanks YMC for giving me many precious memories.

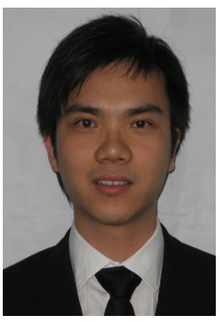


Seminars Group Co-ordinator

Ernest K W TSANG

Building Services Division

Being one of the largest young engineers group in Hong Kong, YMC has responsibilities to promote engineering professional to our society. On the contrary, YMC needs to reflect society's expectations to our young engineers and helps young engineers equip themselves. I believed bridging the gap between our members and society is one of the major tasks. And I trust YMC can come through with flying colours.



Students Promotion Group Co-ordinator

Ivan H H CHAN

Structural Division

Two years ago, I ran for the committee member election. I remember that during the election, I was nervous and could not sleep well the night before. With luck and support of members, I was finally elected and my fruitful YMC life began. Two years have now passed. I met new friends and had lots of memorable experience in YMC. I highly recommend it to all young engineers!

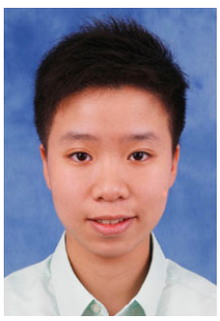


Students Promotion Group Co-ordinator

Sai Chung TSE

Building Division

YMC offers a variety of activities such as seminars and visits. These activities provide a shortcut for graduates to achieve the holistic objectives required to become a professional engineer. YMC has also broadened the horizons of young engineers by organising non-technical activities and joint professional groups activities. A fruitful life and bright future can be received by participating in our activities!



Event Co-ordinator

Carmen K M LING

If you want to enhance your understanding about the industries, we offer you technical seminars and visits. If you want to have a meaningful vacation, we offer you overseas delegations and conferences. If you want to show your care to the community, we offer you a variety of community services. If you want to broaden your social network, we offer you joint professional society activities. YMC, a one-off step to your wishes.

Engineering Sustainability:

Build Our Green Future





Ir David Lau explained how construction sustainability can benefit the environment



The 3 elements in Sustainable Development

There is no doubt that engineers have had significant roles in infrastructure construction and technology application throughout the past decades. What makes a difference nowadays is that engineers also have significant roles in balancing development and sustainability, if we do not want to see adverse environmental impacts appear in the next generation.

We have the honor to have Prof. CC CHAN, Ir Otto POON and Ir David LAU from electrical, environmental and civil disciplines to share their views on the roles of engineers in sustainable development in application of electric cars, energy conservation, and incorporating sustainability considerations in construction respectively.

Technology for Sustainability

Every engineer has an important role in ensuring sustainability while developing our city. So how can we apply our engineering knowledge?

Energy Conservation

Almost every part of the world is working on renewable energies such as solar energy, wind energy and hydropower. However, owing to various limitations like environmental and geographical constraints, renewable energy is not widely adopted in Hong Kong. What is more commonly adopted in buildings is the use of energy-efficient building services facilities such as temperature and lighting control.

Use of Electric Car

Emission from vehicles contributes much to the air pollution in Hong Kong. Increased concerns over the environmental impact lead to the increasing use of electric car which is clean and efficient. There are several types of electric cars:-

i) pure electric car which is powered by electric motor only

ii) hybrid electric car which is fueled by gasoline and uses a battery and motor to increase efficiency

iii) fuel cell vehicle which is fueled with hydrogen gas.

Sustainability in Construction

Construction inevitably consumes materials and creates a lot of construction waste. To the environment, contractors can contribute the reduction of electricity consumption by using LED lights in site office and lanterns powered by solar power on site, as well as the reduction of construction materials/waste by using recycle materials and alternative designs.

Challenges Ahead

There has been an increasing trend of using new technology to achieve sustainable development. However, Hong Kong engineers have to face different challenges that are keeping them from putting forth their ideas.

1. Huge Investment

"As the analogy tells, the key to the success of a new technology, as suggested by the word "SUCCESS", which is spelled by dollar signs ($U¢¢€$$), is vastly supported by Economy." said Prof. CC Chan. One of the biggest challenges currently faced by engineers is the huge initial cost that the investors have to put in as the new technology is not yet widely adopted by the industry to make it cost effective to produce.

"$U¢¢€$$", is vastly supported by Economy."

2. Lack of Support from Government

"Currently there has not been much support given by the Government", expressed by the interviewees. Comparing with many other countries or even our mainland China, whose government has been using financial incentives or adopting national policies to encourage the use of new technology to reduce energy consumption, Hong Kong has been sluggish on this aspect.

3. Technological Limitation

Technological limitation is one of the major obstacles engineers have to overcome in order to make the sustainability concept become practical. For instance, as mentioned by Prof. CC Chan, the current technology of electric vehicle has yet to be improved, given its limited battery capacity, long charging hours and limited speed.

The Way Forward

A sustainable development benefits the whole society. Therefore, it is not the sole responsibility of any individual or particular party but the public.

"Public education is very important. While legislation and national policies are set to act as the pulling factors on the entire issue, educating the society pushes the demand for sustainable development in the long run", mentioned Ir Otto Poon. In the long run, education is needed to raise public awareness on sustainable development, as pushing would always be more effective than pulling.

At the current stage, the Hong Kong Government plays a very important role in getting this snowball to start rolling. Apart from educating the public, the Government can initiate the use of new technology in future new projects in order to facilitate the generation of demand by giving some financial incentives.



Ir Otto Poon explained the importance of education in the subject of energy conservation

Prof. CC Chan introduced the role of EV in the fight against climate change



"If everyone pays more attention to sustainability issues, the world can be different!"

How Young Engineers Contribute

Young engineers are the pillars of support for the engineering sector. Active participation and contribution by young engineers to sustainability is essential. What can we do?

Save Energy Starting from Today

Involvement in sustainability should be a matter of concern for every person, not just engineers, and should start from daily living by simply saving water, saving electricity and reducing wastage.

Care More on Our Planet

As young engineers, we should always be aware of sustainability issues like global warming and renewable energy. A solid mindset with sense of mission and enthusiasm in contributing to sustainability should be developed at early ages. As Ir David Lau said, "If everyone pays more attention on sustainability issues, the world can be different!"

Step Out and Explore

Gaining international exposure is important. "Hong Kong young engineers should participate more in international exchange programmes related to sustainable development to explore your minds and widen your knowledge in sustainability." Prof. CC Chan said.

You Can Do It!

On engineering sustainability, young engineers can actually play more roles such as incorporating more sustainable initiatives and engineering knowledge in engineering project works during planning and design stage.

In the 21st century, we are now facing severe environmental and energy shortage problems. Sustainable development, which integrates environment, economy and society, is the key solution, whilst engineering, which combines science, technology and the business world, is the appropriate approach to adopt. To give our future generation a greener, healthier, and more harmonious tomorrow, we should all strive together to "BUILD OUR GREEN FUTURE".

Build Our Green Future!!



Past Chairmen's Messages

We, YMC, has walked through 25 years and become a well established committee. We have experienced days with pain and happiness, loss and gain. All of us, having appeared somewhere in the YMC history, are so proud of being one of the YMC members and witnessing its growth. We've invited some YMC past Chairmen to share with us the YMC history.



YMC Delegation 1992 (4th from the right: Ir C F Lam)

We are established

I was very delighted to be nominated as the Chairman of YMC for session 1991/92. During my session of chairmanship, we have achieved or have laid the foundation stone on several matters for the future development of the YMC.

Firstly, before my session of chairmanship, all YMC EC members were male. In order to have a balanced view in the Committee and in order to care for the interests and views of female YMC members, we have invited a female member joining the EC of the YMC. She is therefore the first female EC member of YMC.

Secondly, before my session of chairmanship, YMC have no representative in the Divisions and Council of HKIE. In order to express the views of young members in various Divisions within HKIE, we have persuaded the issue. I am glad that we have YMC representatives at all divisions of HKIE.

To this end, we are very grateful of Ir Edmund Leung, JP, who was the then Advisor of YMC. Ir Leung is in fact the first advisor of YMC. He has given a lot of valuable advices and support to the YMC. Without which, the achievement I listed above would not be successfully achieved.

Ir Joseph Chi
YMC Chairman 1991/92

Happy 25th birthday! It is so impressed and grateful to see YMC growing up to become a youngster. Remembering the good time of my chairmanship in 1992/93, YMC was still an infant. An infant in the golden era of civil engineering construction with the prominent examples of the new international airport, Lantau Fixed Crossing, North Lantau Expressway.

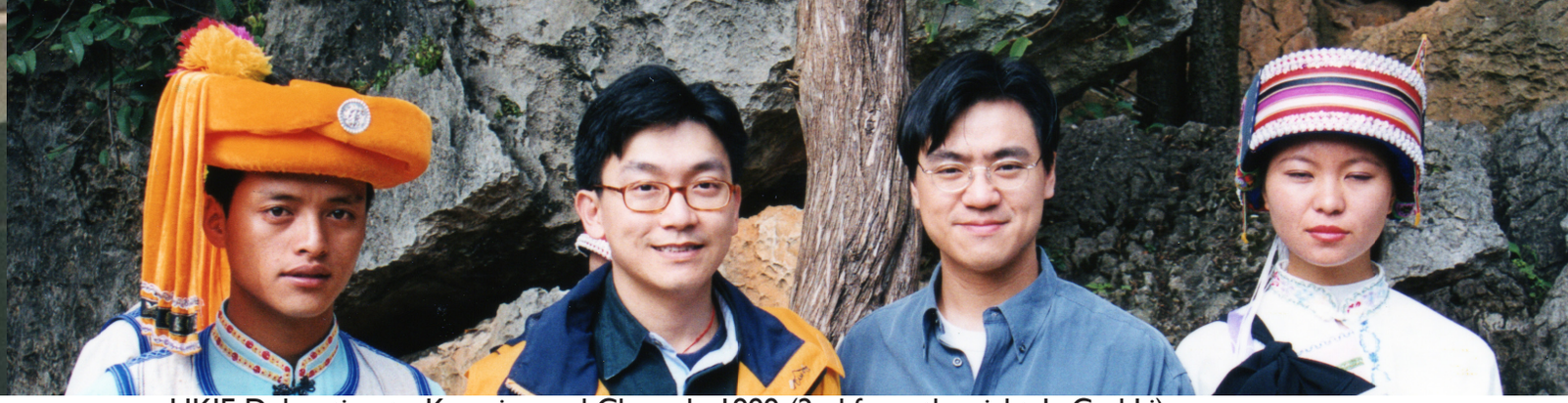
With the growing importance of engineers in the society, Young Members played a vital role to nurture our future leaders. With this objective in mind, we expanded the scope of YMC from a small group focusing on personal development to a much larger sector of HKIE covering young engineers of age 35 or below in the areas of participation in public affairs, social and personal development and enhancement of social status. We organized diversified range of activities including the first "Young or Ready" Seminar sharing experience on the preparation for HKIE professional assessment in various disciplines; and the first public lecture series with HKU titled "Engineering in Daily Life" to promote engineering profession to members of public.

All these helped strengthen the role and interaction of young engineers with our society. Moreover, YMC provides a stepping-stone for young engineers to advance in their career ladders through enriched engineering life and HKIE affairs. That is why YMC is the "Cradle for Engineers"! I am very proud of being a member of the YMC Family and caretaker of this cradle for engineers!

Ir CF Lam
YMC Chairman 1992/93

YMC Sustainability Journey 2004 Delegation Team in Shanghai (1st row, 4th from the left: Ir Carl Li)





HKIE Delegation to Kunming and Chengdu 1999 (2nd from the right: Ir Carl Li)

We are developing

Happy Birthday!

You are now 25 years old, I am so proud of you. In HKIE terms, 25 means young, yet who will disagree that you are also mature in many ways?

I can still recall the days when you were sweet sixteen. Under the able chairmenship of the past years, YMC was already very well established in early 2000s.

In session 2001/02, we had 14 YMC committee members plus 3 co-opted members serving around 4,500 RYMs at that time, and around 70 activities were organized. There was a "Mainland Delegation to Beijing with IES, IEM and EIT" in 2001 and "Green Buildings Delegation 2002 to United Kingdom and the Netherlands" in its preparation stage. Another highlight was the setting up of HKIE Toastmasters Club through our YMC Toastmasters Group's pioneering workshops throughout 2001 and 2002.

Those were the days and nearly a decade is gone. Congratulations! You have a much bigger and stronger committee now with hundreds of helpers, and your activity list has grown nearly two folds.

May I wish you continuous success and harmony in the years to come!

Ir Eva Mak
YMC Chairman 2001/02

We are growing

For 25 years, YMC has been growing in a tremendous pace. It is a great nurturing place for innumerable young engineers. In YMC, we are not only meeting people or are merely achieving exterior harmony, but could truly open one's heart to each other. In YMC, we could earn one of the most valuable items in our lives, "friendship".

With young members keep encouraging each other and seniors continuously supporting the committee, YMC excelled in both its quality and quantity. It was like witnessing a young fresh plant growing and becoming stronger each day. Nowadays, YMC is an essential force to the HKIE and to the engineering industry. YMC has also nurtured many diligent and high integrity engineers who have become role models to the others. I am really proud of having been one of the committee members in YMC.

The growth of YMC is attributed to the effort of all young engineers in the previous batches, who carried the same dream and same goal to achieve the objectives step by step and day after day. As mentioned in a Chinese verse, "not forgetting the past is the teacher of the future", we should remember what the people had persisted to resolve difficulties in yesterday, then we would know how to modestly discover our way into tomorrow.

YMC, I wish you would continue to give every effort to keep excelling and make another new era in the engineering history.

Ir Carl Li
YMC Chairman 2003/2004

YMC Annual Dinner 2003 (1st row, 2nd from the right: Ir Johnson Lee & 5th from the right: Ir Eva Mak



We become more mature...

With much effort of our Past Chairmen and committee members, Young Members Committee (YMC) has been developed into a widely recognised part of the HKIE and provided an environment for young engineers to become pillars of the engineering profession. As the Chairman of Session 2006-07, I took the liberty to continue to expand YMC's core business, to extend our collaboration with other professional bodies and to extend our outreach to Mainland China and other parts of the world.

The Committee placed much emphasis in organising events with a view to widening members' exposure in the international arena. During my chairmanship, YMC has resumed to take part in the Conference of the Association of Southeast Asian Nations Federation of Engineering Organisation held in Malaysia together with ten other Asian cities, Canada and Australia. Organising overseas and mainland delegations have once been a highlight of YMC for every session. We have organized trips to Macau, major cities in Mainland China and other engineering advanced countries, including Australia, Dubai and Denmark in the recent years.

To broaden members' knowledge horizon, YMC invited different professionals to present at a number of quality technical events. YMC also recognized the importance of increasing the youth's awareness of the engineering profession and the public at large. Besides, YMC was also invited to set up the first student chapter in the University of Hong Kong in 2007 and I was involved in formulating the Composition and Terms of Reference to the student chapters.

YMC encouraged young members to organise community services to help people in need by using their professional knowledge. YMC formed teams of voluntary young engineers to voluntarily inspect and improve structural conditions of schools in Yunnan and more recently YMC organised caring visits to conduct engineering inspections for the rebuilt schools destroyed during the Sichuan Earthquake in 2008.

Ir Johnson Lee
YMC Chairman 2006/07

One-day Seminar on Contract Management 2008 (9th from the left: Ir Johnson Lee)





Photos:
[Left] - Challenging 12 Hours – Organized by Sowers Action(Oct 08)
[Middle] - Interesting game booth for the Ronald McDonald Open House Charities (Dec 08)
[Right] - Robot-building competition (Mar 09)

OUR LOVE TO THE SOCIETY

In the previous years, our Community Services Group (CSG) has organized a lot of activities for our young members to propagate love to the needy and at the same time help develop themselves on the engineering road.

Through the fundraising events such as Challenging 12 Hours and Open House of Ronald McDonald House Charities, young members could help the needy in the society. We contributed to the events by joining the walk, participating in the games and competitions, and provided a joyful atmosphere for all participants.

Experience sharing seminars like Emergency Relief Engineering Mission and How Engineers can Contribute to Society through Community Services were organized to equip young members with the engineering knowledge for the relief missions. Such sharing provided a channel for young engineers to understand the present community and learn the importance of establishing a harmonious world.

In the year of 2009, a programme called "My Engineering Brother and Sister" Scheme visit was held for the children aged between 7 - 13. Children could personally experience robot building using computer aid guided by our young engineers. This interesting and meaningful exercise not only cultivated the children's learning interest in engineering matters but also provided opportunities for our young engineers to present their knowledge .

" WE PUT OURSELVES TO THE WORLD"

There is no doubt that our young engineers' love towards the society will continuously be brought to everywhere in the world.



WE SERVE THE COMMUNITY USING OUR PROFESSIONALISM

YMC and other young engineers groups including 15 engineering institutions, organizations and societies formed the 512 Young Engineers Alliance (512YEA) in 2008, which aims to carry out the reconstruction of Yuenjia Primary School (袁家小學) under “One Square Metre Per Person, Building New Schools Together“「一人一平方、共建新學堂」 programme, following the Sichuan Earthquake on 12th May 2008. Young engineers applied their professional knowledge and skills in helping the rebuilding work.

YMC organized and participated in caring visits, public lectures, discussion forums and various fund-raising activities to help and show our care to the victims. We are also pleased to have participated in the opening ceremony of the new Yuenjia Primary School on 1st September 2009.







四川重建



WE TRY OUR BEST TO HELP THE COMMUNITY



The HKIE set up the “Task Force on Fund Raising for Sichuan Earthquake Recovery” to organize events to provide relief and sustain the recovery and reconstruction of Sichuan. To this end, YMC assisted the Task Force in organizing a fund-raising walk on 13 December 2009. Titled “Walk For Sichuan Walk with Love”, participants were required to obtain sponsorships from their friends and family before joining. On the event day, participants gathered at the HKU campus and walked up to the Peak. Sponsorships raised by participants were donated to the HKIE Project Sichuan Trust Fund.



WE JOY TO HELP

We always tried our best to help and care the needy in the society, by using our professionalism in different areas. We will make every endeavour to provide support to the Sichuan Reconstruction, and the community where help is needed.




Establishment of HKIE-YMC
85/86
Serving all young engineers of HK
Bringing young engineers of HK to the world
91/92
First Overseas Delegation to Australia
Age of Young Member Increased from 31 to 35
92/93
Extending our services to even greater number of young engineers
A decade of milestone in serving young engineers
94/95
Celebration of 10th Anniversary
Bridging HK young engineers and Mainland engineers
95/96
First Mainland Delegation to Beijing
In the past 25 Years...

Communicating with members in the 21st century

97/98

Launching of YMC Homepage

Nurturing young engineering leaders for 20 years

04/05

Celebration of 20th Anniversary

Build our green future

09/10

Celebration of 25th Anniversary

First YEAFEO Delegation to Vietnam

02/03

Connecting young HK and Asian engineers

Contributed to the 512 Sichuan Earthquake Reconstruction

07/08

Using our expertise to contribute to our country

Ymc

Delegation Experience

In the previous years, the YMC has been organizing delegations and attended conferences in different parts of the world. We met experts and engineers worldwide, including Mainland China, Southeast Asia, Europe, the United States, Australia as well as the Middle East, which aims to gain knowledge on current engineering practice of other countries and broaden the horizon of our young engineers. Delegates had the eagerness to learn and the willingness to share with others. The goal of these delegations is to provide excellent opportunities for our members to acquire global exposure on different issues.



Through the entire process of organising delegations, our members are provided with opportunities to plan and organize itineraries in order to improve their organizational capabilities as well as their soft skills such as communication and networking skills, so that they are equipped to serve the community in the future. All members, including non-YMC ones, can equally benefit from the delegations by various sessions of sharing seminars and publications.

The YMC warmly welcomes all of you to participate in our upcoming delegations!



* only selected delegations and oversea conferences were shown due to space limit

Liaison With Professionals

"WORK TOGETHER WITH THE WORLD FOR A BETTER TOMORROW"

For 25 years the YMC has put increasing efforts in promoting young engineers' image as well as broadening their mind in both technical and interpersonal aspects. Therefore the establishment of Public Relations Group enables our young members to connect themselves to other young professionals across the globe.

The most remarkable event is the yearly Christmas Party, where everyone joins and celebrates the birth of Jesus while socializes with other young professionals in such enjoyable atmosphere. This gives our members and everyone a platform to extend their social networks. This year we were honored to have ASHRAE, AES, CIArb, ICES, HKIM, HKIP, HKWTO, YWCA, IEEE, ICE, IET and IMechE to join us in this joyful event.

Moreover, in order to arm our young engineers with today's challenging environment in contract management, the YMC brought to everyone a "One-day Seminar in Contract Management" almost every year together with CIBSE, ICE, HKIS, LawSoc and CIArb. Experienced professionals from various disciplines gathered and shared with our young engineers issues in contract management. Besides gaining the technical knowledge, our members could have valuable experience to organize activities with various parties.

The YMC also hosts activities such as coastal clean-up, hiking and rock climbing to connect our young engineers with other professionals through community services and sports events etc.. We hope through these events, our young engineers can develop a broader social network for them to meet future challenges.

Some of the YMC's Network :

香港規劃師學會 Hong Kong Institute of Planners

HKiM 1982

ASHRAE

ihk

I MECH E

CIBSE Certification Ltd.

IEEE

chartered ices

IET The Knowledge Network

THE LAW SOCIETY OF HONG KONG 香港律師會

East Asia Branch CIArb

The Jubilee Dream

Lyrics by Regis Chee

Music by Temmy Chan and Regis Chee

Since the dawn of the city, since the first blink of our eyes,
We were walking along the brick roads, light wind breezing off the road,
Everything's no boundary, everything we dare to try,
We have a dream in our mind, to touch the steel birds in the sky.

Through the way we have chosen, through the blessings we have taken,
We are building the glamorous glow, bringing damages we might not know,
Where's the lovely blue sky, where's the twinkles we missed so?
We are at the crossroad, wondering where we could go.

In the name of YMC, we are united in this family,
In this Silver Jubilee, let us step out for the society,
To freshen the day with breeze,
To light up the night with stars,
Let us join in hands and make the vow,
To build a better world for you and me.

With the light of our profession, with the art of our creation,
We will pioneer with our talents, for the future generation,
Facing ruin of our destruction, chasing time for reconstruction,
With our hearts of passion, to build our dreamland for children of all nations.

Standing by our harbour, standing by all our loved ones,
We are here altogether, planning for a greener future,
Paint the blue sky with a rainbow, pave the brown earth with green shadow,
In our profession, we take charge we are bold!!!

In the name of YMC, we are united in this family,
In this Silver Jubilee, let us step out for the society,
To freshen the day with breeze,
To light up the night with stars,
Let us join in hands and make the vow ,
To build a better world for you and me.

How the future goes we might not know,
Through the crossroad where we have to go,
All we know is that we've got no regret at all~

Coz with the family of YMC, we are not alone on our journey,
Build our future Jubilee, a bright green world that we all shall see,
Sustainability we need,
Creativity what we believe,
Let us join in hands and make the vow,
In this Jubilee we shout aloud –
"To Build Our Green Future"

25th Anniversary Special Duty Group
by Coordinator - Carrie K Y LEUNG



The 25th Anniversary Special Duty Group was specially formed this session to assist in coordinating the celebration activities for the YMC in this great Silver Jubilee. In this memorable year, our group, with the diligent helpers, contributed ourselves to the celebration of YMC!

To start off, we designed a logo and slogan to match our theme this session - Sustainability. Our slogan "Build Our Green Future" encourages our young engineers to take sustainability into account in our daily living and work for the benefit of our next generation. Our members may have noticed our attractive logo and slogan in those YMC e-newsletters that we published in this session.

We also designed and produced souvenirs such as cut mat, laser pointer, T-shirt and pen-stand which have been engraved with our anniversary logo. We are glad that we have sold more than 100 nos of souvenirs.

Most importantly, we published our 25th anniversary special publication that is on your hand now, which has recorded our days in the past and expressed our wishes in the future. I, as the coordinator of this group, hope you are enjoying our publication and all the activities held by YMC in this session and in the coming future!

Visits Group
by Coordinators - Emily W S HUNG & Vincent C T LEUNG



Technical visits, one of the most prominent working groups, always provide up-to-dated technologies and techniques to our young engineers from various engineering disciplines.

One of our major areas of interest is to explore the latest engineering projects. In this session, we have visited the Tamar Development Project, Reconstruction and Improvement of Tuen Mun Road, Lai Chi Kok Drainage Tunnel and Site Formation and Associated Infrastructure Works of Anderson Road, etc.

In addition, an additional engineering discipline, so-called "Aircraft" discipline has just been formed. In order to understand more about this new discipline, we explored a few visits to young members, such as, technical visit to Government Flying Services, Air Traffic Control Facilities, Skypier and North Satellite Concourse in Hong Kong International Airport.

In support of YMC 25th Anniversary and theme of "Sustainability", we also organized a series of visits regarding sustainability like technical visit on a Green Roof Project in Downtown, Landfill Gas Utilisation Project in NENT Landfill and Castle Peak Power Station and Emission Control Project Site.

Last but not least, I would like to thank all the helpers for the assistance in the visits and our young engineers to support our events. You are always welcome to send us email and give us ideas on the areas of interest about visits.

Working Group Reports

Community Services Group
by Coordinator - Iman W M LAI



The Community Services Group (CSG) continued a series of fruitful events for our young members to contribute positively to the society. Sowers Action Challenging 12 Hours 2009 and Community Chest New Territories Walk for Millions were the highlights. "Walk for Sichuan Walk with Love" and outings for YWCA and SOCO were also arranged.

This year, we have participated in Sowers Action Challenge in 5 teams, one of which ran for 42km and the others went for a 10km challenge. The charity walk provided the young members with the opportunity to simulate the going-to-school experience of children in mountainous regions of China. Fund was raised to promote education for the children for their better life in the future.

With continuous support to HKIE 512 Task Force, a charity walk – Walk for Sichuan Walk with Love was arranged in December 2009. Corporate members as well as graduate members showed their empathy and care for the recovery of Sichuan community by walking from the University of Hong Kong to the Peak. In addition to the charity walk, outings for the children were another highlight. The program aims to introduce the children to various engineering wonders in Hong Kong, exposing them to engineering matters and cultivating their learning interests through visiting and playing.

Finally, I sincerely send our vote of thanks to all helpers for their contribution and support to CSG. We will continue to organize more events for the young engineers to contribute to the society.

Students Promotion Group
by Co-ordinators - Ivan H H CHAN & Sai Chung TSE

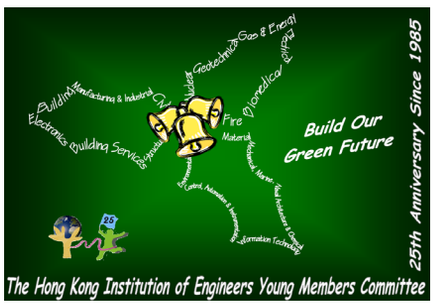


The Students Promotion Group has experienced a fruitful year in 2010. Two new student chapters in local institutions, in addition to the existing six student chapters, were established recently. As more communication channels have been set up, the connection between student member and HKIE has become closer.

This year, a series of activities has been jointly organized by student promotion group and student chapters from different institutions. All the activities were of great success, for instance, several career talks for university students, mentorship programme, wind power competition for secondary school, leadership training camp as well as the joint student chapters Engineer Night. It is found that the all the student chapters have grown into mature and well-organized organizations.

In the coming year, the major objective is to assist the newly formed student chapter and further enhance student commitment to our professional engineering industry. YMC will continue its unfailing support to all the student chapters as they will be the future pillars of the engineering profession.

Human Resources Group
by Coordinator - Cynthia W S LAW



Human Resources Group (HRG) is a group to organize the internal administrative issue of YMC. It includes consolidating the information of new helpers applications, maintaining a close connection within the committee and allocating helpers to different working groups.

More specifically for this session, we organized activities such as training day and internal parties for committees. Furthermore, we designed the YMC Christmas card (pictured above) which was sent to over 300 people related to YMC to wish them a happy holiday season.

These activities provide a harmonious environment to our committees, helpers and young members to communicate with each other who are with similar engineering background. This helps extend their network and develop their abilities, not only the technical skills, but also their life management development.

All activities were held successfully and the HRG ran smoothly with assistance from all helpers in the group and, advice from our YMC office bearers. Therefore, we expressed special thanks to all of them.

This is our honor to have the opportunity to provide services to our committees, helpers and RYMs. We will continue to organize more valuable

Non-technical Programmes Group
by Coordinator - Swing S W LAM



Throughout this year, Non-technical Programmes Group (NPG) organized / jointly organized several activities to the young members. Our main focus was the "Golden Life Series" which consists of three consecutive seminars aiming at inspiring our young members to develop various skills leading to a golden life.

Good communication skills, impressive presentations and social networking skills in nice manners which are crucial to one's career development were discussed by external professionals under three different seminars to polish the soft skills of the members. The response of this Series was good and some of the participants even completed the whole series. A lot of follow-up questions were raised from the floor during the seminars showing the demand of young engineers in enriching their non-technical skills. The "Golden Life Series" helps them work more efficiently, co-operate better with others and achieve a broader range of personal and business goals.

Other seminar on the topic of financial planning and asset management was also held. The seminar aims at providing our young members a general idea on financial planning and risk management which is essential for every individual to secure an enjoyable life after retirement and to reduce risk exposure. Correct investment attitude was also discussed which drives our members to the way of golden life as well.

All NPG activities were held successfully in this session and NPG ran smoothly with the assistance from the helpers. NPG would like to express special thanks to all of them for their efforts in the whole year.

Public Relations Group
by Coordinator - Regis L G CHEE



Public Relations Group (PRG) has continued the friendship with our peer institutions through various social gatherings and joint-activities. We started the year with a joint ICE and HKIP Rock Climbing Fun Day followed by a Saturday morning hiking with RAeS to Sha Lo Wan. An Archery Fun Day was also organized with ICE G&S while a technical visit was held with CIBSE and ASHRAE to the Lamma Power Station. The climax for joint-activities went to the Joint Societies Christmas Party where YMC teamed up with 12 other young professional institutions in bringing up this annual event for our members to celebrate Christmas.

Apart from the joint-activities, various activities had also been held by PRG to show our care and concern to our community. We had participated in the "Coastal Cleanup 2009" organized by the Green Council with a Saturday morning cleanup in Sandy Bay. Sign Language Class, Elderly Communication Skills Workshop and Caring Visit to Self-Living Elderly were also held to bring our members closer to different communities in our society.

The PRG had also put a lot of effort in promoting YMC to both current and new young members. Our Facebook Group had been pushed forward as the promotion and communication platform with our members as well as with other local and foreign professional institutions.

Yet none of these can be achieved without the great support from our PR Group helpers and fellow young members. May I take this opportunity to send my most sincere thanks to all PRGers for their contributions and to all young members for their generous support to our activities!

Graduates Promotion Group
by Coordinator - Annie O Y CHAN



The aim of Graduates Promotion Group (GPG) is to provide useful information for graduate members for their professional training and assessment. In this session, GPG organized a series of seminars to graduate members related to their preparation for professional assessment.

Same as previous sessions, our long hosted professional assessment series, "Young or Ready Series", was still organized in this session. We jointly organized the seminars with Mechanical, Marine, Navel Architect and Chemical Division, Building Services Division, Civil Division and Structural Division over this session. Graduate members acquired useful information on the training focus, preparation on professional assessment through the seminars. Writing is an essential element for preparing the professional review and writing assessment. GPG organized a talk to members and let them know how to write effectively.

It was a successful session. Thanks to all partners, including co-organizers and helpers. Without your helping hands, we cannot mark the success. Last but not least, we would like to thank young members for their support. Your continuous support is our motivation to do better.

Sports and Recreation Group
by Coordinator - Samson M Y CHAN



This year is the 25th Anniversary of YMC. One of the themes for the Anniversary is sustainability. As such, our group organized a special eco-tour for our young engineers - a combined canoeing and snorkeling tour at Hoi Ha Wan, Sai Kung. Members learnt the basic skills of canoeing and got to the sea to appreciate the beautiful corals in the Marine Park.

Besides, our group organized various sports and recreation activities to train young engineers to become all-rounded engineers in a relaxed way. We organized indoor rock climbing fun day in October 2009. Similar to holding a project, members could not reach the top of wall if they hadn't thought of the route to the goal carefully. Another important character of young engineer is team spirit. We held a team-building workshop for our members in a battlefield environment in February 2010. As such, teammates learnt the importance of co-operation. Everyone should carry out their own tasks so that they would not be beatened by another team. In March 2010, we formed a team of eight to participate in the 3rd CICTA Sports Day cum Fun Day. We showed our strong team spirit and we got to enter finals in two team games and won a first runner-up in one of the games.

Seminars Group
by Coordinators - Ernest K W TSANG & Nga Kit CHAN



About 17 seminars were arranged this year. Different topics were introduced to young engineers to enhance their technical knowledge as well as the soft skills required in the engineering industry nowadays.

To continuously echo the young engineers' needs in contract management with high calibre of negotiation skills; our group has invited speakers in the law profession to deliver a seminar in the contract area, namely "Seminar on Engineer's Duties in Deciding Extension of Time and Additional Costs", and a "Workshop on Foundation Negotiation Skills".

In aligning with and supporting the theme "sustainable development" in the HKIE, there are numerous seminars bringing the latest development in the aspects of renewable energy and energy efficiency. Examples included "Green Building to Deal with Building Energy Codes" and "Technical Seminar on Experience Sharing/ Case Study of LEED Application in China".

Besides the technical seminars, YMC also cares for other development aspects of our young engineers. To address the importance of engineering aspects in the policy move, young engineers are provided with opportunities to learn and discuss in the forum "Roundtable Discussion on Development Opportunities of Six Industries Proposed in the Policy Address - Collaboration and Open Innovation Among Industry, Academics and Research Institutes".

We sincerely show our gratitude to co-organizers (namely Electrical Division, Building Services Division, Electronics Division, and AMC) for the kind contributions made in the jointly-organized events. Special thanks go to the helpers in the Seminar Group, whose energies and commitments make all the seminars big success and mark every single moment of growth with us.

Social, Cultural & Arts Group
by Coordinator - Ryan H L CHAK



In this session, Social, Cultural & Arts Group (SCAG) has organized several activities to enhance the personal development of young engineers. Our activities can be summarized into three categories which are "Social", "Cultural" & "Arts".

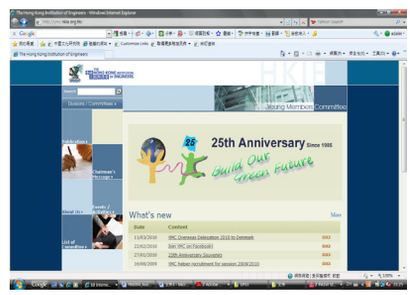
"Social"
SCAG held Putonghua Class to provide an introduction on Putonghua, an important language in Hong Kong. A Tree and Engineers in Hong Kong seminar was organized to introduce the tree preservation to young engineers.

"Cultural"
In order to increase the awareness on sustainability and cultural heritage, SCAG organized a series of activities which included a seminar jointly organized with Antiquities and Monument Office, a site visit to North Kowloon Magistracy, Tour to Lung Yeuk Tau Heritage Trial and Local Cultural Trip (CPDC event). Through the activities, young engineers can have a better understanding on the collaboration among current development and heritage preservation.

"Arts"
Besides the social & cultural aspects, we also arranged some workshops for the variety development of young engineers. Glass Making Workshop and Drama Workshop were held to develop the interest of young engineers as well as to improve the quality of lifestyle.

SCAG has a fruitful session. The success of SCAG is owing to the great contribution of the helpers and members. May I take this opportunities to express my sincere thanks to all helpers and participants of every SCAG event.

Publicity & Webmaster Group
by Coordinator - Ken T K CHAN



Leaving a good first impression to others is very important when meeting people as it would affect how others judge you. Following this statement, the YMC website has taken an important role in establishing an impressive image to both members and other web surfers. It also helps establish a long term, reliable and fruitful relationship with our HKIE members. The YMC website welcomes our members' visit around the clock. Members can acquire the latest events information in anywhere whenever they want. In the session 09/10, the YMC website has bought near 100 events to our members, ranging from technical visits, seminar, delegations, workshops to community services.

Apart from promoting events, the YMC website also captured activity or delegation reports for our members' references. Some of them were even helpful in developing our members such as those presentations of the seminars series "Route to become professional engineers". Members from different disciplines can get reference from our web for preparing professional assessment.

For some special events like the Beijing-Tianjin Delegation 2009, those related videos were also available for our members. The YMC website does not only capture reports but also our young members' collective memories!

What are you waiting for? Browse our website at http://ymc.hkie.org.hk and share our fun!

The 16th Young Engineers of the ASEAN Federation of Engineering Organization (YEAFEO)



Five young HK engineers attended the YEAFEO Conference in Singapore from 30 November to 2 December 2009, with the theme "Engineering for Sustainable Environment". At the conference, young engineers from each ASEAN nation, including HK, presented a country report to update members of the latest developments of their own engineering industries and institutions. Furthermore, the five HK engineers attended the keynote and parallel sessions to learn of the latest development in the region regarding sustainable engineering practices. A technical visit to the new Marina Barrage was also conducted to see how Singaporeans built a reservoir right at the city center that are not only providing vital water supply to the citizens, but also a much needed greenery space for recreational activities.

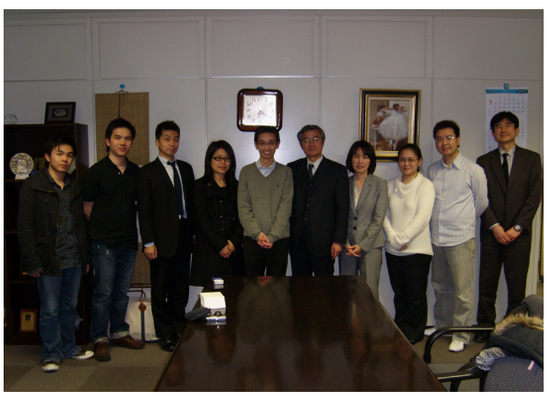
Visit to the Guangzhou-Wuhan Express Railway



Furthermore, during the session, there was much public attention on the building of an express railway in HK. To let young engineers obtain the latest information, YMC, together with six young engineering bodies, organized a visit to test ride the latest express railway in the Mainland, the Guangzhou-Wuhan Express Railway, on 6 to 7 March 2010. There were 23 young engineers participated, with most of them riding on an express railway for the first time. Overall, the engineers were amazed by the railway technology that China now processes. The whole journey was done in excess of 310km/hour, but the cabin was so stable, spacious and quiet that the group could comfortably rest, eat or even played card games without feeling any disturbances. Moreover, in less than 4 hours, the group reached the city of Wuhan, some 900km north of Guangzhou. As a comparison, the same journey would have taken 10 to 11 hours if done on a normal train. In all, the young engineers were satisfied with the train ride. They saw with their own eyes the economic and social benefits that such a high speed railway could bring to the community. They supported the express railway be built in HK as soon as possible.

International Experience

Cultural Exchange Tour to Tokyo Japan



In addition, to widen the exposures of young engineers, a cultural exchange tour to Tokyo was organized between 12 and 15 March 2010 and six HK young engineers participated. During the tour, they visited the office of the Institution of Professional Engineers, Japan (IPEJ) and met with Executive Director General Joichi Takagi. Then, two sharing sessions were held with over 10 young Japanese engineers. Topics such as time management and how young engineers can use their knowledge to contribute to society were discussed. Moreover, the six engineers took the chance to update their Japanese counterparts the latest green initiatives in HK, such as the mandatory Building Energy Code, the Kai Tak District Cooling System and the building of off-shore wind farms. Afterward, a visit was conducted to see the Ginza Honey Bee Project. In this project, hives are setup for honeybees on rooftops of buildings in the shopping district of Ginza. The crux of this project is that honeybees are extremely susceptible to pesticides. If they are flourishing, it is a strong indicator that the surrounding parks and roadside trees (the sources of nectar) and the Ginza district in general, must be environmentally clean. This project is a vivid example of how human can live in harmony with nature, even right at a city center.

Denmark Delegation 2010



YMC has been organizing delegations to different parts of the world since 1991. Destinations include Mainland China, the US, the UK, Australia and Dubai. This session, YMC, in collaboration with CPDC, has successfully organized a delegation to Denmark from 21 to 28 March 2010. We are pleased that Ir Otto Poon, Past HKIE President and a advisor to this delegation, has participated in the core program of the delegation, togther with 16 young engineers.

The theme of this delegation is "climate change". To this end, the delegates visited the latest green technologies and green engineering work in Denmark, they include the Green Lighthouse at the University of Copenhagen, the Avedore Combined Heat and Power Plant and green roofs in Copenhagen. Furthermore, the group visited the Danish Energy Agency, the Danish Society of Engineers and the Conferation of Danish Industries to learn of Denmark's latest environmental and green policies.

Besides, a series of seminars and visits were organized locally to enrich members' knowledge on key climate change issues in Hong Kong. A delegation report is scheduled to be published in the second half of 2010. It will report findings from the delegation and draw an analogy with Hong Kong practices. It will be distributed to organizations in Denmark, major engineering firms and sponsors in Hong Kong for knowledge sharing.

Outstanding Helper Award

AECOM

Cheung, Siu Wa, Florence
Ho, Chung Yin, Yolanda
Lee, Kwok Shing Victor

Airport Authority Hong Kong

Cheng, Ka Hei, Eric

Atkins China Limited

Chan, Hiu Kwan, Winzie
Chung, Desmond
Li, Fat Yeung, Nick
Li, Yuk Ha, Norelle
Man, Tsz Kwan, Sandy
Ng, Wing Kai, Forrest
Pang, Tak Tim
Wong, Pik Kei, Peggy

Black & Veatch (Hong Kong) Limited

Wong, Hoi Shan, Jennifer

Chip and System Technology Limited

Dong, Shi Ki, Patrick

Civil Engineering and Development Department

Yu, Chun Ying, Irene
Lam, Ho Yin, Steve

CLP Power Hong Kong Limited

Yeung, Yik Sing

Drainage Services Department

Chan, Sik Chun, Season
Wong, Tiu Kai

Electrical and Mechnical Services Department

Chen, Hao Ting, Ambrose
Cheuk, Wai Hung, Johnny
Lau, Kin lok, Anson
Man, Siu Chun, Cindy
So, Pui Kei, So
Tang, Ho Lun, Joseph
Yuen, Katy

Gammon Construction Limited

Fung, Sui Ming, Anthony
Ho, On K, Angel
Lam, Yuk Tak, Titus

Highways Department

Chan, Yun Yee, Irene

Hong Kong Air Cargo Terminals Limited

Chan, Chi Chiu, Duncan

Hong Kong Applied Science and Technology Research Institute

Leung, Sze Man, Monica

Hong Kong Productivity Council

Cheung, Ching Chi, Gigi

Meinhardt (M&E) Limited

Choi, Ka Man, Roy

MTR Corporation Limited

Cham, Suet Ying, Cheryl
Leung, Sonjia

Ove Arup & Partners Hong Kong Limited

Chan, Sui Yi, Cherry
Ha , Sin Lung, Cheryl
Huang, Hung Man, Patrick
Lau, Ching Ling, Jenny
Wong, Hin Wa, Perry
Yip, Wai Tong, Wallace

Parsons Brinckerhoff (Asia) Limited

Cheung, Ka Wing, Kelvin
Chui, Ka Hung, Bailey
Fu, Tsun Hao, Alex
Fung, Man Yui, Candy
Lau, Pak Kai, Grace

Scott Wilson Limited

Cheung, Kenneth

The Hong Kong and China Gas Company Limited

Lau, Joey

The Hong Kong University of Science and Technology

Suen, Po Chi, Gigi

The Hongkong Electric Company Limited

Ho, Kin Yip, Henry
So, Yuk Ki, Victor
Wong, Cheuk Fung, Jeff

Young's Engineering Company Limited

Chung, Ka Yin, Sabina

The Outstanding Helper Award is a prestigious award given to Helpers who have made significant contributions towards the organization of YMC activities. To receive this Award, registered Helpers have to be nominated by at least one Committee Member and pass the review of an Assessment Panel. This Session, 54 Helpers are awarded out of a total of more than 200 registered Helpers. Certificates will be presented at the YMC Annual Dinner.

Best Reporter Award

Best Reporter Awards were organzied in selected seminars/ visits throughout the session. The winning reports, as judged by the speakers, would be published in the Hong Kong Engineer. The winners will also get a cash prize of $500. This year, the Best Reports, among the reports submitted for selected seminars throughout the session, were awarded to the following seminars and reports. A prize presentation ceremony will be held at the YMC Annual Dinner.

YMC Denmark Delegation 2010 Local Seminar Series:

A Cost-effective Micro Wind Turbines for Buildings

YMC Denmark Delegation 2010 Local Seminar Series:

Technical Seminar on Practical Aspects of Energy Audit in Buildings

YMC 25th Anniversary Special Publication

Content

The 25th Annual General Meeting Report 2009/10	
Best Report Award	32
Outstand Helper Award	32
International Experience	30
Working Group Reports	24
Theme Song - The Jubilee Dream	23
Liaison With Professionals	22
Delegation Experience	20
In the past 25 Years...	18
Our Involvement in Sichuan Reconstruction	16
Our Love to the Society	15
Past Chairmen's Messages	11
Engineering Sustainability: Build our Green Future	7
YMC Family 2009/10	2
Chairman's Message	1

Editorial Board

Executive Producer — **Carrie Leung**

Editors

Looking Forward — **Ambrose Chen**, **Johnny Cheuk**, **Anson Lau**, **Katy Yuen**

Looking Backward — **Carman Lam**, **Leo Lee**, **Martin Tam**, **Cheryl Cham**

Logistic Support — **Ada Yau**, **Grace Lau**

Graphic Design — **Ambrose Chen**

Looking Backward

HKIE-YMC
25th ANNIVERSARY
SPECIAL PUBLICATION

The Hong Kong Institution of Engineers
Young Members Committee

The 25th Annual General Meeting
For the Session of 2009/10

Date: 11 June 2010 (Friday)
Time: 18:15
Venue: Assembly Hall, YMCA, Tsim Sha Tsui

Agenda

1. To receive and confirm the Minutes of the 24th AGM
2. To receive and adopt the Annual Report of YMC for 2009/2010 Session
3. To receive and adopt the Financial Statement of the YMC for 2009/2010 Session
4. To elect the Chairman and Committee Members of the YMC for 2010/2011 Session
5. Any Other Business

The Hong Kong Institution of Engineers
Young Members Committee

Minutes of the 24th Annual General Meeting for the Session 2008/2009

Date : 5 June 2009 (Friday)
Time : 18:15 to 19:00
Venue : Assembly Hall, YMCA, Tsim Sha Tsui
Present : More than 60 members attended

The Chairman welcomed all participants to the Twenty Fourth Annual General Meeting of the Young Members Committee (YMC).

1. The minutes of the Twenty Third Annual General Meeting was confirmed and endorsed.
   Proposer: Ir Carl LI Seconder: Mr Ivan CHAN
2. The Chairman delivered the Annual Report for the Session 2008/2009, which was subsequently endorsed.
   Proposer: Ms Sally LEUNG Seconder: Ir Iman Lai
3. The Treasurer presented the Financial Report for the session 2008/2009, which was subsequently endorsed.
   Proposer: Ir Carrie LEUNG Seconder: Ir Carl LI
4. Mr Leo CHAN was nominated by the Committee to be the Chairman for the session 2009/2010 and was subsequently elected without objection.
   Proposer: Ir Joyce CHAN Seconder: Mr Ernest TSANG
5. The following members were nominated in the election of Committee Members for the session 2009/2010.

Name	Discipline	Organisation
Ms. Annie CHAN On-yi	Mechanical	Electrical and Mechanical Services Dept.
(Proposer : Mr Leo CHAN	Seconder : Ir Trevor TANG)	
Mr. Samson CHAN Man-yin	Civil	Water Supplies Dept.
(Proposer : Mr Leo CHAN	Seconder : Ir Trevor TANG)	
Ms. Swing LAM Sze-wing	Civil	The Hongkong Electric Co. Ltd.
(Proposer : Ms. Sally LEUNG	Seconder : Ir Trevor TANG)	
Ms. Joey LAU Mung-wa	Manufacturing & Industrial	The Hong Kong & China Gas Co. Ltd.
(Proposer : Ir Trevor TANG	Seconder : Ms. Sally LEUNG)	
Ms. Cynthia LAW Wai-sze	Building Services	Ove Arup & Partners Hong Kong Ltd.
(Proposer : Ir Crystal HO	Seconder : Ms. Sally LEUNG)	
Ms. Vincent LEUNG Chi-to	Electrical	Electrical and Mechanical Services Dept.
(Proposer : Ir Carrie LEUNG	Seconder : Mr Leo CHAN)	
Ms. Carmen LING Kok-man	Civil	Ove Arup & Partners Hong Kong Ltd.
(Proposer : Mr Ken CHEUNG	Seconder : Ir Emily Hung)	
Ms. Arlene LO Wai-ling	Civil	Atkins China Limited
(Proposer : Ir Crystal HO	Seconder : Mr. Leo CHAN)	

Total No. of Nomination :8
No. of Vacancy of Committee Members for Session 2009–10 : 5
Scrutineer for the vote counting of Committee Members was:

- Ir C F LAM, Past Chairman of YMC
- Ir Eva MAK, Past Chairman of YMC

The 5 newly elected committee members for next session are:

- Ms Annie CHAN On-yi
- Mr Samson CHAN Man-yin
- Ms Swing LAM Sze-wing
- Ms Cynthia LAW Wai-sze
- Ms Arlene Lo Wai-ling

A.O.B
The Chairman expressed sincere gratitude for the support and contribution of all committee members in the Session.
Mr Leo CHAN proposed a vote of thanks for the outgoing Chairman, Ir Crystal HO, for her leadership in the Session.
There being no other business, the meeting adjourned at 7:00 p.m.
Recorded by:

Trevor Tang

Ir Trevor TANG

Honorary Secretary (2008/2009)
The HKIE-YMC
24th AGM
5 June 2009

Activity List

Updated as at 26 April 2010
Total Number of Activities: 128

AGM, Annual Seminar & Annual Dinner

6/11/2010	The 25th Annual General Meeting		HKIE-YMC
6/11/2010	The Annual Seminar 2010	Dr. BY Lee, Director of Hong Kong Observatory	HKIE-YMC
6/11/2010	The Annual Dinner 2010		HKIE-YMC

Seminar - Technical

6/30/2009	Project Management Seminar Series - Seminar No.2: An Introduction of 5S and a Case Study of 5S Implementation at Lamma Power Station	Ir Louis Lock	HKIE-YMC, PMIHK
7/10/2009	北京天津科技發展文化保育考察團分享會	Delegates	HKIE-YMC
8/31/2009	Technical Seminar on Biogas - A Challenge for Metering	Dr Achim Zajc	HKIE-YMC, CV, MC Divisions, IGEM - Far East District Section
9/8/2009	Project Management Seminar Series - Seminar No.3: Contract Management of MTR Railway Projects	Ir Eddie Leung, MTR	HKIE-YMC, PMIHK
10/7 - 10/9/2009	International Conference on Climate Change - YMC Volunteer Team		Hong Kong Climate Change Forum and The Climate Group
10/9/2009	Seminar on Green Building to deal with Global Warming	Dr. Philip Yu	HKIE-YMC, AMC, CA & EV Divisions
10/22/2009	Proposed Legislative Framework for Mandatory Implementation of the Building Energy Codes	Ir Osman Lau	HKIE-YMC, BSD
11/10/2009	Seminar on Antiquities and Monuments Protection in HK: Achievement and Challenges Ahead	Ms Ada Yau	HKIE-YMC
11/26/2009	Work Around the Clock on Climate Change	Dr. William YU	HKIE-YMC
12/11/2009	YMC Denmark Delegation 2010 Local Seminar Series: The Science of Climate Change	Mr. Edwin Ginn	HKIE-YMC, CPDC
1/7/2010	YMC Denmark Delegation 2010 Local Seminar Series: A Cost-effective Micro Wind Turbines for Buildings	Dr. Michael Leung	HKIE-YMC
1/29/2010	Roundtable Discussion on Development Opportunities of Six Industries Proposed in the Policy Address - Collaboration and Open Innovation among Industry, Academics and Research Institutes	Prof. Tony Chan	HKIE-YMC, END, AMC and TechMatrix Research Centre
1/29/2010	Seminar on Engineer's Duties in Deciding Extension of Time and Additional Cost	Mr Malad Lo and Mr Wan Ho-yin	HKIE-YMC
2/1/2010	YMC Denmark Delegation 2010 Local Seminar Series: Development of Integrated Waste Management Facilities in Hong Kong	Mr. PH Lui	HKIE-YMC
2/6/2010	One-day Seminar on Contract Management	Mr. Glenn Haley, Mr. Macken, Mr. Kenneth K Y Poon, Mr. Christopher Tung, Mr. James Yeung and Mr. Dennis Wong "	HKIE-YMC, CIBSE, ICE, HKIS, Law Society and CIArb
2/6/2010	中國建築文物保護和維修	華南理工大學博士研究生	HKIE-YMC, CPDC
2/10/2010	Technical talk on Experience Sharing and a Case Study of LEED Application in the PRC	Ir Keith Wong	HKIE-YMC, BSD
2/24/2010	YMC Denmark Delegation 2010 Local Seminar Series: Electric Vehicle and Charging Infrastructure Development in HK	Mr. Ron Chung	HKIE-YMC, CPDC
2/26/2010	Green Building Seminar Series - The Overview of Policy, Design and Technology	Mr. Anthony Fok	HKE-YMC, HKU-SPACE
3/12/2010	Technical seminar on Clean Energy for Hong Kong	Ir Chan Siu-hung	HKIE-YMC, ELD
3/17/2010	YMC Denmark Delegation 2010 Local Seminar Series: Sustainable Bridge - Support to Offshore Wind Farm and Energy Storage	Dr Carlos Wong	HKIE-YMC, CPDC
3/26/2010	Seminar on 別「樹」一格 - Trees and Engineers in HK	Ir YH Choi	HKIE-YMC, CPDC
3/29/2010	YMC Denmark Delegation 2010 Local Seminar Series: Energy Saving and Sustainable Air-conditioning System - District Cooling System	Ir Dr. Raymond Yau	HKIE-YMC, CPDC
3/30/2010	Technical Seminar on Practical Aspects of Energy Audit in Buildings	Ir Colin Chung	HKIE-YMC
3/31/2010	Entering the Age of Technology - the Engineer's Role in Medical Device Regulation	Ir Raymond Poon	HKIE-YMC, BM and EN Divisions
5/8/2010	Joint Workshop for Young Engineers on "Geotechnical Aspects of Deep Excavation"		HKIE-YMC, GDC and HKGES
5/28/2010	YMC 25th Anniversary Series - LED Outdoor Lighting Technology Challenges and Market Prospects	Dr. TK Liang	HKIE-YMC,
6/21/2010	The YMC Overseas Delegation 2010 - Seminar on Discovery Denmark of Solutions to Climate Change		HKIE-YMC, CPDC

Activity List

Mainland & Overseas

11/30-12/2/2009	The 27th Conference of ASEAN Federation of Engineering Organization and 16th Young Engineers of the ASEAN Federation of Engineering Organization in Singapore	ASEAN Federation of Engineering Organisations
12/4 - 12/6/2009	3-day Guangzhou Technical Visit	ICE, Supported by YMC
12/5/2009	Technical Visit to Precast Concrete and Metal Works Factories in Dongguan	HKIE-YMC, JSD
9/29 - 9/30/2009	出席北京人民大會堂國慶晚宴	HKIE-YMC
1/16/2010	深圳香港城市/建築雙城雙年展	HKIE-YMC, CPDC
3/6/2010 - 3/7/2010	武廣高鐵之旅	HKIE-YMC, IMecE, GCEA, ICE, APEEMSD, IET, IEEE
3/12 - 3/15/2010	Cultural Exchange Tour to Tokyo Japan	HKIE-YMC
3/21 - 3/28/2010	YMC Overseas Delegation to Denmark 2010 - Climate Change	HKIE-YMC, CPDC

Recreation, Social & Sports

12/12/2009	Wind Power Sytem Design Competition 2009 by IVE - YMC as Judge	IVE
1/31/2010	Green Carnival - YMC as Technical Advisor	Green Council
9/2 - 9/6/2009	The China Civil Engineering Summer Camp	HKIE-CV, Supported by YMC
9/20/2009	Boat Trip 2009 (Internal)	HKIE-YMC
12/19/2009	Painting & Slumping Glass Workshop	HKIE-YMC
2/20 - 2/21/2010	Leadership and Competence Enhancement Award Programme: Leadership Training Camp	HKIE-YMC, CPDC
3/6, 3/13, 3/20/2010	Drama Workshop	HKIE-YMC
9/21/2009	慶祝中華人民共和國成立60週年國慶聚餐晚會表演	HKIE-YMC, AES-YES
12/12/2009	Joint Societies Christmas Party 2009	HKIE-YMC, ASHRAE-YMC, AES-YES, CIArb, ICES, HKIM, YWCA-HKWVAA, IEEE-GOLD, HKIP-YPG, HKIM, ICE HKA G&S, IET-YMS, IMechE-YMS
1/15/2010	Wine Tasting Night	HKIE-YMC, AES-YES, ICE-G&S, HKWTO
8/23/2009	Joint ICE & HKIP Rock Climbing Fun Day	HKIE-YMC, ICE, HKIP
8/29/2009	3rd AES Table Tennis Tournament - Team YMC	AES
10/24/2009	YMC 25th Anniversary Series - Indoor Rock Climbing Fun Day	HKIE-YMC
12/20/2009	Hiking Fun Day (Internal)	HKIE-YMC
1/16/2010	Table Tennis Fun Day (Internal)	HKIE-YMC
2/28/2010	YMC 25th Anniversary Series: Team-building Training for Young Engineers in a Battlefield Environment (War Game)	HKIE-YMC, CPDC
3/7/2010	YMC 25th Anniversary Series - Eco tour: Canoeing and Snorkelling at Hoi Ha Wan	HKIE-YMC, CPDC
3/14/2010	The 3rd Construction Industry Council Training Academy Sports Day cum Fun Day - Team YMC	CICTA
5/29/2010	Helper Reunion - Team Building Day Camp & BBQ	HKIE-YMC
6/6/2010	Art Jamming Workshop	HKIE-YMC

Visit - Non-technical

11/7/2009	Visit to "Revitalising Historic Buildings Through Partnership Scheme" - North Kowloon Magistracy		HKIE-YMC
11/21/2009	Heritage Tour to Lung Yeuk Tau Heritage Trail		HKIE-YMC, CPDC
1/17/2010	元朗保育之旅－屏山文物徑、二帝書院、吉慶圍	Professional Heritage Tour Guide	HKIE-YMC, CPDC

Activity List

Seminar - Non-technical

8/6/2009	Seminars on Advanced Engineering Application in Emergency Relief Mission 1	Ir Dr Albert Ko	HKIE-YMC, HKU
8/13/2009	Seminars on Advanced Engineering Application in Emergency Relief Mission 2	Ir Dr Albert Ko	HKIE-YMC, HKU
8/20/2009	Seminars on Advanced Engineering Application in Emergency Relief Mission 3	Ir Dr Albert Ko	HKIE-YMC, HKU
8/24/2009	The Way to Success Series: What Makes a Fast Tracker?	Ms Judy Chai	HKIE-YMC, CPDC
8/27/2009	Seminars on Advanced Engineering Application in Emergency Relief Mission 4	Ir Dr Albert Ko	HKIE-YMC, HKU
9/9/2009	"Life Project Management" Series 3 - Table Manner Study	Ms. Mary Cheung	HKIE-YMC, CPDC
9/10/2009	The Way to Success Series: Luck is when Opportunity Meets Preparation	Ms Judy Chai	HKIE-YMC, CPDC
9/17/2009	"Life Project Management" Series 4 -Communication Study	Ir Dr Alex Cheung	HKIE-YMC, CPDC
11/11, 11/25, 12/17/09	輕鬆認識普通話 (初班)	Ir PK Lee	HKIE-YMC
1/6/2010	從新界宗親文化看香港文化保育- 新界五大家族之鄧族	Professional Heritage Tour Guide	HKIE-YMC, CPDC
1/25/2010	Golden Life Series 1 - "Standing Out from the Crowd" Seminar on Mastering Effective Communication and Presentation	Mr. Desmond Chan	HKIE-YMC, CPDC
2/6/2010	Sign Language Class	Ms. Florence Leung	HKIE-YMC, CPDC
2/8/2010	Golden Life Series 2 – "Standing Out from the Crowd" Workshop on Impression Improvement	Mr. Desmond Chan	HKIE-YMC, CPDC
2/25/2010	Foundation Negotiation Skills Workshop	Ms. Jessie Ho	HKIE-YMC, END, AMC, ITD
2/27/2010	"Young Engineers and the Community Series" - Elderly Communication Skills Workshop	Mr. K T Szeto	HKIE-YMC, CPDC, Red Cross
3/13/2010	Public Relations Skills Workshop for Young Engineers	Mr P H Tang & Ms Jade Fung	HKIE-YMC, CPDC
3/25/2010	Effective Communication through Plain English	Mrs Ruth Benny	HKIE-YMC
3/26/2010	Golden Life Series 3 - "Standing Out from the Crowd" Seminar on Do Better by Understanding Your Real Personality	Ms. Jessica Leung	HKIE-YMC, CPDC
4/13/2010	Seminar on Financial Planning and Asset Management for Engineers		HKIE-YMC
5/18/2010	The golden rules in running a successful mediation	Mr. Ivan Cheung	HKIE-YMC, CIArb-YMG
5/31/2010	Foundation Negotiation Skills Workshop		HKIE-YMC, END, AMC, ITD

Graduates & Students Promotion

9/10/2009	Introductory Talk for PolyU Student Chapter		HKIE-PolyU Student Chapter, YMC
10/24/2009	Young or Ready Series - Route to Become a Professional Mechanical Engineer	Ir WK Chow	HKIE-YMC
11/6/2009	HKUST Students Union Mentoring Dinner		HKUSTSU
11/17/2009	Career Talk to CityU Engineering Students		HKIE-YMC, CityU
11/18/2009	Career talk to HKUSTSU Electronic and Computer Engineering Students' Society		HKIE-YMC, HKUSTSU-ECESS
11/20/2009	HKUSTSU Electronic and Computer Engineering Students' Society Mentoring Dinner		HKUSTSU-ECESS
12/9/2009	HKIE Introduction Talk to Greg Wong & Associates Limited		HKIE-YMC, Greg Wong & Associates
12/19/2009	Young or Ready Series - Route to Become a Professional Building Services Engineer	Ir Gilbert Law	HKIE-YMC, BSD
2/1/2010	HKIE Promotion Talk to HKUST Civil and Environmental Engineering Department		HKUST
5/17/2010	Young or Ready Series - Route to Become a Professional Civil Engineer	Ir David Lau	HKIE-YMC, CVD

Activity List

Visit - Technical

7/25/2009	Technical Visit to Central Reclamation Phase 3	HKIE-YMC
9/12/2009	Technical Visit to a Green Roof Project in Downtown	HKIE-YMC, CIWEM
10/10/2009	Technical Visit to Science Park Phase II	HKIE-YMC
10/17/2009	Technical Visit to Skypier Building Works	HKIE-YMC
10/31/2009	Technical Visit to New Campus of the Hong Kong Design Institute	HKIE-YMC, JSD
11/7/2009	Technical Visit to Stonecutter Bridge	HKIE-YMC
11/14/2009	Technical Visit to Anderson Work Building Works	HKIE-YMC
11/21/2009	Technical Visit to Lamma Wind Power Station	HKIE-YMC, CIBSE-YMG, ASHRAE-YMC
11/21/2009	Technical Visit to North Satellite Concourse Building Works in HKIA	HKIE-YMC
11/28/2009	Visit to Daya Bay Power Station	HKIE-YMC, AES-YES
12/5/2009	Technical Visit to Disneyland Redevelopment Project	HKIE-YMC
12/19/2009	Technical Visit to Hong Kong West Drainage Tunnel	HKIE-YMC
1/9/2010	Technical Visit to Tamar Development Project	HKIE-YMC
1/30/2010	Technical Visit to Lai Chi Kok Drainage Tunnel	HKIE-YMC, CIArb-YMG
3/6/2010	Technical Visit to Government Flying Service	HKIE-YMC
3/13/2010	YMC Denmark Delegation 2010 Local Visit Series: Landfill Gas Utilization Project in NENT Landfill	HKIE-YMC, CPDC
3/27/2010	Technical Visit to MTR Training Centre and Operations Control Centre	HKIE-YMC
4/17/2010	YMC Denmark Delegation 2010 Local Visit Series: Technical Visit to Lok Ma Chau Wetland	HKIE-YMC, CPDC
4/24/2010	Technical Visit to CAD Air Traffic Control and Aerodrome Control Tower	HKIE-YMC
5/22/2010	YMC Overseas Delegation to Denmark 2010 Local Visit Series: Technical Visit to Castle Peak Power Station and Emission Control Project Site	HKIE-YMC, CPDC
5/29/2010	Technical Visit to Reconstruction and Improvement of Tuen Mun Road	HKIE-YMC
6/5/2010	Technical Visit to Kwai Chung Incineration Plant	HKIE-YMC

Community Service

8/4 - 8/6/2009	四川德陽袁家小學工程視察及川港學生多媒體教學交流活動之旅	512 Young Engineers Alliance
8/15/2009	Joint Institution Community Services to Elderly at 香港聖公會將軍澳安老服務大樓	HKIE-YMC, CIArb-YMG, CIBSE-YMG, HKIS-YSG, ICE-G&S and Law Society-YSG
8/30 - 9/1/2009	德陽袁家小學開學典禮之旅	512 Young Engineers Alliance
9/26/2009	Joint Young Professional Group Community Services - Home Visit to the Elderly at 竹園區神召會彩雲長者鄰舍中心	HKIE-YMC, CIArb-YMG, CIBSE-YMG, HKIS-YSG, ICE-G&S and Law Society-YSG
10/10/2009	International Coastal Cleanup 2009 - YMC Volunteer Team	HKIE-YMC
10/24 - 10/27/2009	Sower Action School Inspection to Gansu - YMC Volunteer Team	Sower Action
11/1/2009	Sower Action Challenging 12 Hours	Sower Action
11/15/2009	2009/2010 New Territories Walk - Stonecutters Bridge - YMC Volunteer Team	Community Chest
12/13/2009	"Walk for Sichuan Walk with Love" Fund Raising	HKIE
3/6/2010	工程師哥哥姐姐計劃 Outing with Children in Tin Shui Wai	HKIE-YMC, CPDC
3/28/2010	工程師哥哥姐姐計劃 Outing with Children from SOCO	HKIE-YMC, SOCO
4/10/2010	"Young Engineers and the Community" Series: Caring Visit to Self-Living Elderly	HKIE-YMC, CPDC, Red Cross
5/8, 5/16/2010	Engineers' Charity Soccer Cup for HKIE Project Sichuan Trust Fund - Team YMC	HKIE