

President's Message 2014-2016

Our First e-Newsletter!!

Dear Fellow Members,

I am very honoured to be elected as your ECOMATIC Chairman for Session 2014-2016. ECOMATIC represents my attributes of being ECO-friendly, COMmitted, pragMATic and energeTIC. These are the drivers for my service to YOU in the coming years!

I have a long history of affiliation with the Hong Kong Polytechnic University (PolyU) and the Civil and Structural Engineering Alumni Association (CSEAA). Back in 1994, I together with a group of enthusiastic graduates including our Founding President Ir Johnny FAN formed a preparatory committee to establish this Alumni Association. The CSEAA aimed to develop the networks and friendship amongst our mother Faculty and Department, the Federation of PolyU Alumni Associations, alumni and students. CSEAA also acts as a platform to enhance the linkage with the practitioners in the engineering profession.

In view of the global focus on environmental protection and conservation, our mother Department was renamed as the Department of Civil and Environmental Engineering (CEE) in September 2012. To align with this change, the CSEAA is formally renamed as the Hong Kong Polytechnic University Civil and Environmental Engineering Alumni Association (CEEAA) at the Biennial General Meeting held on 11 April 2014 when I am elected as your President.

My long service of teaching with the PolyU and involvements in CEEAA committee enable me to develop a strong sense of belonging to the University in addition to widening my exposure and network in the engineering profession. With these edges and your mandate, I am confident to lead CEEAA to a new height and wider frontier.

To ride on the success of previous sessions, the new Executive Committee plans to organize a wide spectrum of activities under the theme of “Nurturing.承傳”. We will adopt a “Three-Open” approach to serve our members, namely “Open Our Eyes” to keep an eye on the demand of the engineering profession on our alumni and students; “Open Our Mouth” to voice out our professional views on engineering issues of public concern; and “Open Our Ears” to listen to YOUR views and suggestions on how we could serve YOU better. In this regard, we will focus on three main areas:

(1) Strengthening linkage and collaboration with CEE Department

For the betterment of our future leaders, we will work in partnership with the CEE Department in developing new curricula to suit the need of the industry; taking part in teaching for a more industry-oriented course contents;



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mentoring in final year projects, summer training and researches; and arranging mock interviews to enhance students' job hunting techniques.

(2) Diversified services to members

Being YOUR elected team, we will continue to put priority on providing quality service to YOU. A strong focus will be put on fostering professionalism and engineering excellence. To celebrate our 20th Anniversary, we have an elaborated plan of activities in the pipeline. In addition to more diversified learned society and CPD activities including seminars and visits as well as social and sport activities, we will work on new initiatives such as a full-day conference and a celebrating dinner as the highlights of the year. To mark the birth of CEEAA, a logo design competition will also be launched. We will further expand our collaborative network with the counterparts of other local universities and professional bodies. To enhance our contact with members, YOU will be invited to our receptions where you will be able to meet prominent guests and fellow members. We will revamp our website and publish e-Newsletter to enhance our communication with our members.

(3) Expanding membership

For sustainable growth of CEEAA, we will further expand the membership base so as to embrace more alumni and students. To this end, we will organize more student-targeting activities so as to attract more new young members to join us while continuing to organize more diversified activities of interest to our alumni. Moreover, reach-out programmes will be developed to promote CEEAA to the under-graduate and post-graduate students.

To achieve all these missions, we have formed a strong committee with balanced representation from the government, consultants, contractors and academics. With the passion, dedication, readiness and experience of our capable team, we are confident to serve YOU better. Lastly and more importantly, we are not alone on the road towards “Nurturing,承傳”. YOU are our strategic partner. We count on YOUR support, contribution for fruitful programmes which meet your needs and expectations in the years ahead! Please feel free to let us know if you have any good ideas.

We are at your service!

Best Regards,

Ir C.F. LAM
President (2014~2016)

Message from CEE Department Head

Every year, hundreds of engineering students graduate from the Department of Civil and Environmental Engineering (CEE) of The Hong Kong Polytechnic University. From time to time, I have come across many of our outstanding alumni and learnt that they were contributing their time and talent to infrastructure development and have become very successful in the construction industry. We are proud of their success and contributions to society.

While our CEE alumni gaining more recognition and reputation in the engineering profession, CEE has ascended to the 11th place in the areas of Civil and Structural Engineering as reported by the Quacquarelli Symonds (QS) World University Rankings 2015. This will not be possible without the efforts of our Faculty, staff members, alumni and students.

CEEAA always played a prominent role in serving as a bridge between the Department, alumni and students by engaging them in variety of events and activities. In recent academic years, CEEAA was invited to comment on our students' works, including Service Learning Subject and Final Year Project, from an engineering practitioner's perspective. Their comments and suggestions have enriched the learning process of students and added practical values to the subject contents. In addition, with the support of CEEAA, a Fund Raising Committee has recently been set up to solicit donations from the industry for the purposes of supporting CEE academic development, research activities, student scholarships and exchange programs etc.

Looking ahead, to celebrate the 20th Anniversary of CEEAA, CEEAA will jointly organize a one-day seminar with CEE at Chang Chien Theatre of The Hong Kong Polytechnic University on 5 December 2015. This will be a great opportunity for you to mingle with other alumni again. Please come to join us for celebration of this memorable event and I look forward to seeing all the familiar faces there in due course.

I am very pleased to know that CEEAA is going to issue its first e-Newsletter. The newsletter will further strengthen the communication among alumni. I wish to learn more successful stories of our alumni and updates from you in the e-Newsletter. Let's stay tuned and stay connected!

Thank you.

With warm regards,



Ir Prof. William H.K. Lam
Chair Professor of Civil & Transportation Engineering,
Head of Department of Civil and Environmental Engineering
The Hong Kong Polytechnic University



Executive Committee Members 2014-2016



LAM
Cheuk Fung

President



CHEUNG
Yiu Sun, Wilson

**Immediate
Past
President**



LAU
Tai Wai, David

**Vice
President**



POON
Ying Kok

**Vice
President**



LEUNG
Yiu Fu, Dennis

**Hon.
Secretary**



AU
Tai Wai, Alvin

**Hon.
Secretary**



CHEUNG
Shiu Kwok, Andy

**Deputy
Secretary**



HUANG
Guang Zong, Edwin

Convener



WAI
Sai Chong

Convener



WONG
Chun Choi, Tommy

Convener



CHAN
Chi Kong

Member



LEE
Shiu Ming, Richard

Member



LO
Man Chiu, Raymond

Member



CHAM
Yiu Kei, Rex

**Co-opted
Member**



LO
Chi Leung, Tony

**Co-opted
Member**



YIU
Sze Nga, Nicole

**Co-opted
Member**



Dr. CHENG
Yung Ming

**Departmental
Alumni
Liaison Officer**

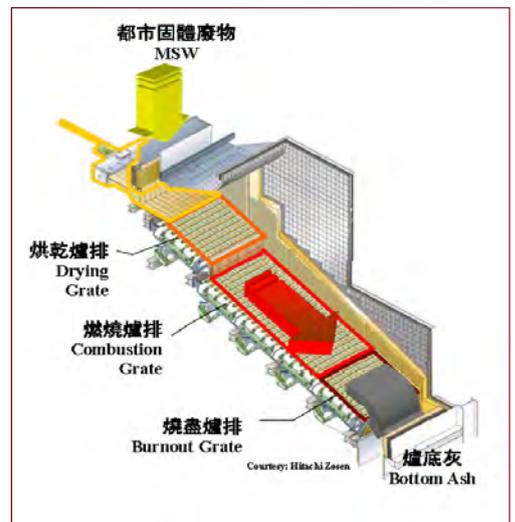
Activity

Seminar

Seminar: Waste-to-Energy Incinerator

- 📅 16 May, 2015
- 👤 Ir Elvis W.K. Au, JP
(Co-organized with PolyU CEE Student's Society)
- 🕒 6:30pm - 8:00pm
- 📍 Room Y301, The Hong Kong Polytechnic University

In this seminar, you are going to learn more about the Government's plan to develop the Integrated Waste Treatment Facilities (IWMF) Phase 1 at an artificial island site near Shek Kwu Chau. Alongside waste reduction and recycling initiatives, waste to energy facility adopting advanced incineration technology is an indispensable and integral part of the overall waste management strategy of a modern city. The IWMF Phase 1 could substantially reduce the volume of 3,000 tonnes of municipal solid waste (MSW) by 90% each day, thus helping to reduce landfill disposal requirement and lengthen the life span of landfills. The IWMF Phase 1 would also recover energy from the MSW, thereby reducing the use of fossil fuel for electricity generation and contributing to the reduction in local greenhouse gas emission.



Activity

Seminar

Talk: Emotion Management

- 📅 15 January, 2015
- 👤 Ms. Margaret Lee
- 🕒 6:30pm - 8:00pm
- 📍 Room TU101, The Hong Kong Polytechnic University

In this seminar, you are going to learn more about the fundamental concept of emotions, emotional health and major features/diagnostic symptoms of common mood & anxiety disorders. Self-help tips will be discussed to enable you to cope with stresses in more adaptive way. Mindfulness-based exercises will also be briefly practiced to let you experience how to connect your body, mind & spirit for enhancing your emotional well-being.



Freshman Seminar, Alumni Sharing

- 📅 22 November, 2014
- 👤 Ir Raymond Lo (Past President)
- Organized by The Faculty of Construction & Environment
- 🕒 1:30pm



Seminar

Talk: Career Talk

- 📅 19 November, 2014
- 👤 Ir Tommy Wong (Past President)
Organized by CEES
- 🕒 7:30pm



Talk: To uncover the veil of Holy Land 揭開「聖地」面紗 (下集)

- 👤 Ir Prof C.F. Lam
- 📅 16 April, 2014
- 🕒 6:30pm - 8:30pm
- 📍 Room V322, Innovation Tower, PolyU Campus

承接上集，林工程師將重點介紹以色列各宗教及歷史勝地，包括耶穌基督洗禮的約旦河、死海、發現聖經古卷的昆蘭、最古老城市耶利哥及多處耶穌基督行神蹟的景點。還有世界七大奇景之一的約旦“玫瑰古城”佩特拉。讓聽眾能渡過一特別的復活節。



Seminar

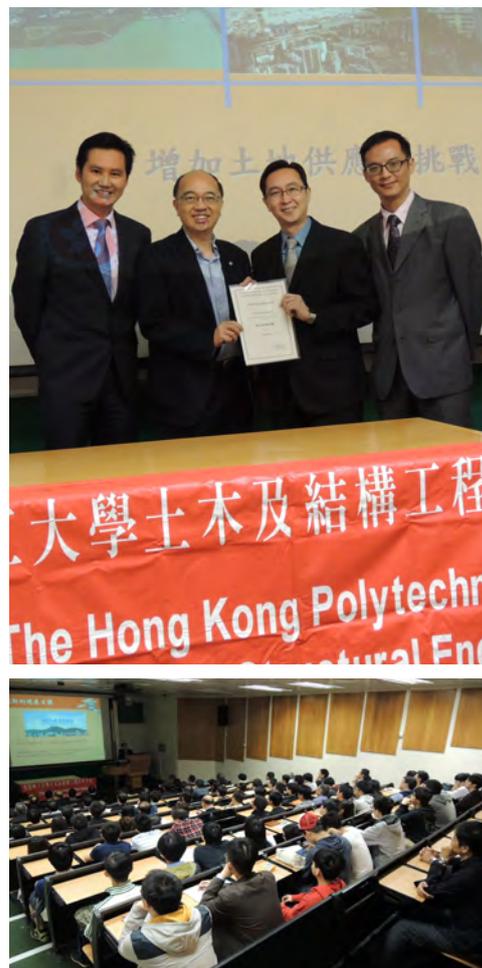
Talk: Challenges of Increasing Land Supply 增加土地供應的挑戰

-  Ir Eric MA Siu Cheung
Under-Secretary for Development of the HKSAR Government
-  11 April, 2014
-  6:30pm - 8:30pm
-  Room HJ303, Innovation Tower, PolyU Campus

A talk was organized after the Biennial General Meeting on 11 April 2014 to update members of the government actions on increasing land supply. We were honoured to have our distinguished alumni Ir MA Siu Cheung, Under-Secretary for Development of HKSAR Government as our guest speaker.

According to Ir Ma, a series of short and long-term measures are and will be implemented by the government with a view to providing housing for 470,000 people in next ten years. Currently, a landuse review is being conducted to increase development intensity at over 150 pieces of land. More developments including new towns, quarry sites and brown field sites will be put in place subsequently. In longer term, more lands will be formed by reclamation outside Victoria Harbour and rock caverns. Developments at northeastern New Territories and Lantau Island will be the ultimate targets. Additional initiatives such as continual revitalization of industrial buildings and underground space development will also be explored.

Ir Ma concluded the talk by presenting major challenges of increasing land supply. Consultation and engagement of stakeholders would be a challenging task. Another challenge would be the form of development which would meet the needs of public and local circumstances. In view of the current complications of social, economic and political situation, the government needs to solicit public support from wider and deeper perspectives. The talk was ended by fruitful discussion among the guest speaker and audiences in particular those young engineers concerned with their future housing needs. We look forward to seeing the government in pursuing various public policy successfully in the years to come.



Seminar



Talk: To uncover the veil of Holy Land 揭開「聖地」面紗 (上集)

- 👤 Ir Prof C.F. Lam
- 📅 12 February, 2014
- 🕒 6:30pm - 8:30pm
- 📍 Room V322, Innovation Tower, PolyU Campus

近日「中東」戰雲密布，戰事一觸即發。這片多年受戰爭干擾的土地，正是人們稱為的「聖地」。它是世界三大一神宗教：基督教、猶太教及伊斯蘭教必爭的神聖之地。由於它在政治和軍事上複雜多變，「聖地」就好像蓋上面紗的「中東」婦女，給我們一種既特別又神祕的感覺。林工程師希望透過這專題講座，分享他遊歷「聖地」的所見所聞，並從地理、歷史、文化、宗教、政治及建築方面，介紹這人生必到之處。

Site Visit

Daya Bay Nuclear Power Station Visit

- 📅 21 March, 2015
- 👤 PolyU CEEAA and CLP Power Hong Kong Limited
- 📍 Daya Bay Nuclear Power Station

The Guangdong Daya Bay Nuclear Power Station is the first commercial nuclear power station in the Mainland. It is one of the earliest and largest joint venture projects launched under Mainland China's Open Door Policy, and remains one of the most successful.



Activity

Site Visit



Gathering



新春盆菜迎羊年

- 📅 28 February, 2015
- 📍 PolyU Civil & Environmental Engineering Alumni Association
- 🕒 6:30pm
- 📍 元朗屏山鄧氏宗祠
- 💰 \$1600 per table (10 to 12 person)

為迎接羊年到臨，本會於2月28日（大年初十）參加在元朗屏山鄧氏宗祠所舉辦的新春盆菜宴。在華人社會中，盆菜宴是過新年的傳統，寓意「盆滿鉢滿」。每年農曆新年，屏山鄧族都按傳統在鄧氏宗祠舉辦的新春盆菜宴。鄧氏宗祠是屏山鄧族的祖祠，由五世祖馮遜公興建，至今已有一百七十多年歷史。鄧氏宗祠是菜進兩院式的宏偉建築，為香港同類古建築的表表者。建築物三進大廳上的樑架雕刻精美，刻有各種動植物和吉祥圖案，屋脊飾有石灣鯨魚和麒麟。後進祖龕供奉着鄧族先祖神位。宗祠現仍用作屏山鄧族祭祖、慶祝節日、舉行各種儀式及父老子孫聚會等用途。鄧氏宗祠於2001年12月14日列為法定古蹟。元朗屏山盆菜向有「上品」的美譽，近年更進化到「九大盆菜」，即除主菜外，還有神仙雞、陳皮鴨湯等九鉢。今年盆菜宴連開數十席，本會共有二十多位校友及家屬參加。大夥兒圍着熱騰騰的盆菜，盡情撈，盡情吃，不亦樂乎。除美食、好酒外，現場還有精彩的麒麟、舞獅採青製造熱鬧過年氣氛。參加者都盡興而歸。

Activity



Others

PolyU Service Learning Subject Presentation

- 📅 May, 2015
- 👤 Ir C.F. Lam, Ir Wilson Cheung, Ir Richard Lee, Ir Dennis Leung, Mr. Andy Cheung & Mr. Rex Cham

Riding on the success of last round of the Service Learning Subject jointly run by the Civil and Environmental Engineering (CEE) Department and the Office of Service Learning of the PolyU in 2014, CEEAA continues to take part in this meaningful subject this year. Our President Ir C.F. Lam together with Ir Wilson Cheung, Ir Richard Lee, Ir Dennis Leung, Mr. Andy Cheung and Mr. Rex Cham played an enhanced role of project advisors to guide the student groups throughout the project and attended the presentation session at the end.



Activity

Service learning is an experiential learning pedagogy which integrates community service with academic study. PolyU introduced service learning as a graduation requirement in the 4-year degree curriculum since 2012/13 in the form of a credit-bearing subject. This round, total 40 students had been recruited in ten groups for this project. They were mainly civil engineering students with a handful of them belonging to other disciplines like Environmental Engineering, Surveying, Land Surveying and Board Discipline.

Each group worked on the following two projects in parallel in order to have a holistic understanding on the lives of the elderly in Hong Kong and how the students' profession can impact on the elderly's well-being in the community:

1. Home Environment Assessment – to assess the safety and health of the housing environment through home visits. Students recommended some small-scale and handy improvement measures which hopefully be realized with the Hong Kong Jockey Club funding.
2. Age-friendly community – to team up with some more high-functioning elderly to investigate the age-friendliness of the Yau Tsim Mong District in the “Transportation” or “Outdoor Environment & Building” aspects. Each group produced a study report for submission to the Yau Tsim Mong District Council for follow-up. In view of its contribution to the society, the District Council acknowledged this project last year and agreed to be a supporting organization to this community project.

On 11 April 2015, the student groups presented their study findings together with their recommendations. Through their in-depth involvements, the students realized the difficulties faced by the under-privileged elderly people, and what could be done to alleviate the situation as a civil engineer/ construction industry professional. The alumni advisors shared the learning of the students and provided feedbacks from an engineering practitioner's perspective.

All the projects were assessed by using seven major criteria including comprehensiveness, feasibility and creativity of the solutions, meeting the needs of service users, application of engineering knowledge, clarity of presentation and teamwork.



Activity

In general, the students showed very good appreciation of the problems and proposed practical solutions. The student groups received high commendations on the following aspects:

1. They adopted a human-based (以人為本) approach with a view to identifying the functionalities of those community facilities from the perspective of end users i.e. the elderly;
2. The groups were able to link up engineering and the community so as to target practical problems with engineering solutions;
3. During the course of problem-solving, the students managed to balance the interest of various stakeholders;
4. The groups could learn to strengthen their teamwork spirit; and
5. All groups demonstrated good presentation skill.

The CEEAA shows its full support to this Service Learning Subject which is regarded as a good start to cultivate a sense of responsibility of the students in serving our community. During the process, the group members could learn to work positively in identifying the roots of the problems and worked out practical solutions by using the engineering knowledge and judgment. We showed a great respect and commend to the teaching staff and students. Look forward to seeing this subject continue to prosper in the years to come.



News

Outstanding PolyU Alumni Award 2015

19 May, 2015

Ir Prof. Choy Kin-kuen

Congratulations! Rounds of greetings to Ir Prof. Choy Kin-kuen for being awarded as one of the eight Outstanding PolyU Alumni at the ceremony held at Hotel ICON on 19 May 2015.

Launched in 1996, this biennial award aims to pay tribute to the outstanding graduates of PolyU or its forerunners (including the former Hong Kong Polytechnic, the Hong Kong Technical College and the Government Trade School) for their remarkable professional achievements and significant contributions to their alma mater and the community. This year marks the 10th anniversary of this award, making the event even more meaningful and memorable.

Ir Prof. KK Choy is currently the Director - Structural, Meinhardt (C&S) Ltd who graduated in the Hong Kong Polytechnic with a Higher Diploma in Structural Engineering in 1974 and an Associateship in Structural Engineering in 1975. This training and education at the Polytechnic provided him with a sound foundation for pursuing his career in the engineering profession. K.K. is the senior member of a number of local and overseas engineering bodies like the Hong Kong Institution of Engineers, Institution of Civil Engineers and Institution of Structural Engineers in U.K.

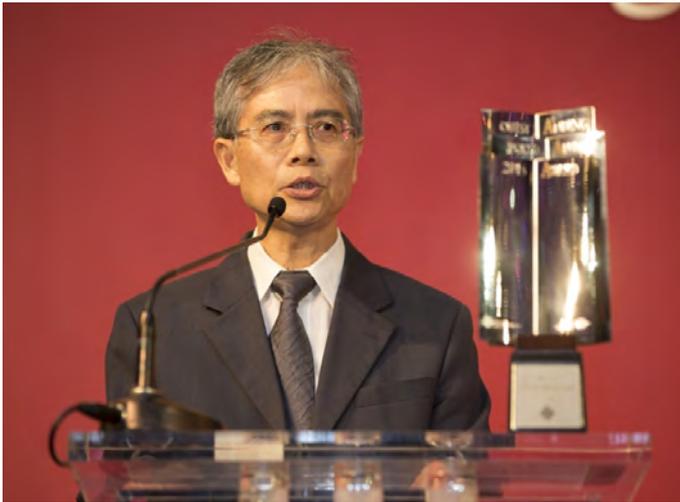
After a good start in the construction sector with Hip Hing Construction Co. Ltd, K.K. proceeded as a structural engineering practitioner in 1977 with the former Architectural Office of the Public Works Department, Hong Kong Government. With his dedication in the profession and contribution to the public services, K.K. worked his way up to become the Assistant Director of the Buildings Department in 2005. With his wealth of professional knowledge and profound engineering expertise, K.K. joined Meinhardt (C&S) Ltd. in 2013 after 33 years of public services.

Through his engineering timeline, K.K. took part in countless number of civil and structural engineering projects both local and abroad. He is one of the pioneers in setting up the current building control and site supervision plan system administered by the Buildings Department. He also steered the development of the Code of Practice for foundation



Ir Prof. KK Choy with his supporters on stage in receiving his prestigious PolyU Outstanding Alumni Award.

News



KK shared his joyful moment with all the guest at the award presentation ceremony.

and building demolition which won the respect of the building industry. K.K. was awarded a 20 Years and 30 Years of Meritorious Service Certificates in 2000 and 2010 in recognition of his outstanding performance over the years in the government.

Apart from his contribution to the engineering profession, K.K. has been very active in serving the community. Being the Chairman of the Professional Green Building Council and the Director of the Hong Kong Green Building Council, K.K. is the key driver for promoting environmentally friendly and innovative buildings in Hong Kong. He is the Past President of the Hong Kong Institution of Engineers. He also serves in a variety of public advisory bodies and advisory committees of several tertiary educational institutes and

universities. He is currently the appointed Adjunct Professor of both the PolyU and the University of Hong Kong.

K.K. is widely recognized for his outstanding achievements, devotion and contribution to the engineering profession, PolyU and the community at large. He sets an exemplary role model for each of us to follow suit. He is an obvious choice for the Outstanding Alumnus Award!



KK greeted by the CEE Department staff, CEEAA committee members and guests



Ir Prof Johnny FAN, President of Federation of PolyU Alumni Association and Founding President of CEEAA paid his tribute to KK.

News

CEEAA Members' Reception

📅 24 October, 2014

👤 Ir Prof. C.F. Lam & CEEAA Members

The Members' Reception of the PolyU Civil & Environmental Engineering Alumni Association (CEEAA) was hosted at campus Staff Club on 24 October 2014.

The gathering attracted over 30 senior professors and young academic staff of the PolyU Department of Civil and Environmental Engineering (CEE Department), experienced alumni and young graduates, as well as the members of undergraduate engineering student society.

Ir Prof. C.F. LAM, the President of the CEEAA, warmly welcomed all the guest and introduced the upcoming events. Each year, the CEE Alumni Association hosts many events such as seminars, technical talks, site visits and leisure activities inside and beyond the campus. This year, we have had a series talk of sharing spectacular travel experience and appreciation for life; we also had an outstanding speaker to discuss together the challenges of increasing land supply in Hong Kong. In order to provide a wide variety of benefits and services to all CEEAA members, the President released that later this year, the Association will organize members to play golf and will host the "Pun Choi" gathering in rural Hong Kong, which will open and welcome to all the families and friends of our members.

Prof. C.S. Poon, acting head of the CEE Department then gave a remark and expressed his heartfelt gratitude to all the alumni, colleagues, students and friends for their continuing support the Department over the years. He looks forward to having strong link with CEEAA in organizing more beneficial activities for the students and alumni. Prof. Poon also encouraged graduates to join CEEAA to enrich their personal and career development.

This gathering provided a relax occasion and friendly atmosphere to establish and enhance a mutually beneficial relationship between PolyU CEE department, its alumni and students. One of our most honored alumni, Ir Prof Choy Kin Kuen, Past President of the Hong Kong Institution of Engineers (HKIE) generously shared his interesting stories and experiences with the participants. This also provided a valuable occasion for the young generation to speak out



CEEAA President Ir Prof C.F. Lam gave a warm welcome to the guests

News



A happy gathering full of fun amongst the guests and participants

freely about their dreams and ambitions.

The bond of mentorship and nurturing between these experienced seniors and young engineers, is and will always be the most precious assets of the Department and the Alumni Association.

CEEAA Event Report by Diana YANG (zi.yang@degremont.com 6146 9327)

News from CEE Dept.

• 27 Marh ~17 April 2015

Career Talk & Sharing Session for Sudents of ESD Programme

27/3 Speakers: Ir Barry Lee, Associate Director, ATAL
Ir Dennis Li, Principal Engineer, Black & Veatch
Ir Victor Li, Business Developmnet Director, Dunwell
Ir H.S. Kan, Senior Engineer, Drainage Services Dept., Gov. of HKSAR

17/4 Speakers: Ms. Julia Chan, Principal Environmental Consultant, Mott MacDonald
Mr. Jackel Law, Associate, Environment, AECOM
Mr. Frank Wan, Partner, Environmental Resources Management
Mr. Honmeng Wong, Assistant Director, Environmental Protection Dept.

CEE Dept. organized a Career Talk and Sharing Session for our ESD students, which is hosted by Dr. Dan Tsang, Assistant Professor of CEE. This event hopes the students of ESD would better prepare themselves to succeed in the future career. It was also an opportunity to showcase the uniqueness of ESD programme to the industry.

Over 30 ESD students & alumni participated in the event. All of them enjoyed an interactive and rewarding Friday evening with the invited speakers.

• 22 May 2015

G&S Papers Competition 2014 of ICE HKA

CEE has won the "University of the Year Award" and a total 8 students of CEE of PolyU won the "Best Paper Awards" & the "Awards of Merit" in Graduates & Students Division Paper Competition 2014 of Institution of Civil Engineers Hong Kong Association.

The Award Presentation Ceremony was held on 22 May 2015 at the Hong Kong Polytechnic University. Many academic staff of the CEE were invited to attend the Ceremony and share the joy of the Awardees.



News

Upcoming Events

1. June to July 2015
Supervision of CEE Dept. Service Learning Subject
2. 6 July 2015
**Preparation for HKIE Professional Assessment
(Civil, Structural & Environmental Disciplines)**
3. 11 July 2015
**Visit to BIM Centre
(Spatial Technology Ltd.)**
4. 20 September 2015
Outing: Tung Ping Chau
5. October to November 2015
**Photography Classes
(Tentative)**
6. 16 October 2015
**Member Reception
cum Logo Design Competition Prize Presentation Ceremony**
7. November 2015
Career Talk
8. November 2015
CEE Department Congregation
9. November 2015
Wine Tasting Workshop
10. 5 December 2015
**CEEAA 20th Anniversary Celebrating Symposium:
“Development vs Conservation: Is Engineering A Solution?”**