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The 30th Anniversary Celebration Highlights



Department of
Electrical Engineering

香港城市大學
City University of Hong Kong

Department of Electrical Engineering

City University of Hong Kong

14th March, 2025

1 Overview of the Celebrations

The Department of Electrical Engineering (EE) at City University of Hong Kong (CityUHK) has played a crucial role in shaping the landscape of engineering education and research in Hong Kong and beyond. As CityUHK EE celebrates its 30th anniversary, it is important to recognize the significant contributions and advancements made by the faculty members of EE over the years, which reflect the institution's commitment to excellence in education, research, and community engagement.

The EE department offers a range of undergraduate and postgraduate programs that equip students with the necessary knowledge and skills to address the challenges of today's technological landscape. Our curriculum emphasizes both theoretical foundations and practical applications, ensuring that graduates are well-prepared for careers in diverse fields such as telecommunications, robotics, and energy systems.

The 30th anniversary celebrations of CityUHK EE were marked by a series of significant events aimed at showcasing the achievements and advancements made over three decades. A series of celebration events including a technology seminar, Industrial Partners VIP Lunch, Best Research Student Poster Competition, Gala Dinner were organized on 14th March, 2025.



CityUHK EE 30th Anniversary Celebration

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2 Tech Seminar 2025

A highlight of the celebrations included a technology seminar that attracted over 100 participants. Keynote speaker Ir Prof Alan Lam, JP, delivered an insightful presentation titled "Technology Beyond GenAI" in Chan Kei Biu Lecture Theatre, Yeung Kin Man Academic Building, CityUHK. Following the keynote, an industrial leader seminar was held featuring different sharing and panel discussion by Mr. Ken Ching, CEO of Locobike; Mr. Ricky Chong, Managing Director of Ricoh HK; and Dr. Dorbin Ng, Director of R&D of LSCM. These discussions provided a platform for industry insights and innovations on "GenAI Technology and Applications".



The poster for the EE Tech Seminar 2025 is set against a blue background with a grid pattern. At the top, it reads "EE Tech Seminar 2025" in large white letters, with the CityU logo and "Department of Electrical Engineering" to the right. Below this, it lists the sponsors: Platinum Sponsor (Fujikon, SENGITAL), Gold Sponsor (GOLD PEAK, locobike), and Silver Sponsor (SUGA). A QR code is on the left with the text "Register Now" and a note that seats are limited. The event is part of the "30th Anniversary Celebration Series" on "14th March, 2025" at the "Chan Kei Biu Lecture Theater (LT6), CityUHK". A "Run-down" lists the schedule: 09:00 - 10:00 Registration, 10:00 - 10:15 Opening Remarks, 10:15 - 11:00 Keynote Speech, and 11:00 - 12:30 Industrial Leader Seminar. The keynote is by Ir Prof Alan Lam, JP, on "Technology Beyond GenAI". A photo of Prof. Lam is shown next to a text box explaining his presentation on the limitations of LLMs and the need for a stack-based AI agent called Poffices.ai. The industrial seminar is on "GenAI Technology and Applications" and features three speakers: Dorbin Ng (LSCM), Ricky Chong (Ricoh HK Ltd), and Ken Ching (Locobike), each with a small portrait photo.

EE Tech Seminar 2025 CityU Department of Electrical Engineering
香港城市大學 City University of Hong Kong

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30th Anniversary Celebration Series
On 14th March, 2025
Venue: Chan Kei Biu Lecture Theater (LT6), CityUHK

Run-down:
09:00 - 10:00 Registration
10:00 - 10:15 Opening Remarks
10:15 - 11:00 Keynote Speech
11:00 - 12:30 Industrial Leader Seminar by LSCM, Ricoh (HK) and Locobike

Keynote Speech by Ir Prof Alan Lam, JP
Topic: Technology Beyond GenAI

Since ChatGPT launched in Dec, 2022, Prof Alan's team evaluated the performance and found that the LLM could not be as good as human. LLM requires huge amount of data and the quality of data is too diversify, it is hard to train a high quality of model. Thus, technology beyond GenAI is needed. Prof Alan Lam based on the human inspired workflow to design the stack-based AI agent including the task analytics layer, information acquisition layer, information verification layer, knowledge-based analysis layer, domain-specific analytic engine, LLM layer, and application layer. The proposed stack-based AI agent is called **Poffices.ai** which is a taskbot instead of chatbot. Poffices.ai aims to complete the task by simple instruction. In this sharing, the real-time demo of Poffices.ai for various tasks for different applications such as market analysis for financial industry, research literature survey, admin work for office will also be shown.

Industrial Leader Seminar
Topic: GenAI Technology and Applications

Dorbin Ng
Director of Research and Technology Development
LSCM

Ricky Chong
Managing Director
Ricoh HK Ltd

Ken Ching
CEO
Locobike

Poster for Tech Seminar 2025

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2.1 Keynote Highlights

Ir Prof Alan Lam's keynote speech set an inspiring tone for the day, delving into the future of technology beyond Generative AI (GenAI) in the tech seminar that attracted over 100 participants.



Tech Seminar 2025

Prof Lam shared the technology beyond LLM which is an advanced AI agent based on the human inspired workflow for designing a stack-based AI agent. It includes the task analytics layer, information acquisition layer, information verification layer, knowledge-based analysis layer, domain-specific analytic engine, LLM layer, and application layer. Real-time demo of Poffices.ai for carrying various tasks on different applications such as market analysis for financial industry, research literature survey, admin work for office was conducted.



Keynote Speech by Ir Prof Alan Lam about "Technology beyond GenAI"

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2.2 Industrial Leader Seminar

The seminar featured prominent industry leaders including: Mr. Ken Ching, CEO of Locobike, Mr. Ricky Chong, Managing Director of Ricoh HK, and Dr. Dorbin Ng, Director of R&TD of LSCM. Each leader presented their perspectives on the current landscape of technology in their sectors, providing valuable insights into how companies are adapting to rapid technological changes and what the future holds.



Industrial Leaders Seminar by three industry leaders

2.3 Panel Discussion

The event was further enriched by a panel discussion hosted by Prof Li Haoliang. This session facilitated a deeper interaction among the audience, industrial leaders, and the keynote speaker. Discussions ranged from the practical applications of new technologies in the industry to the implications of AI on job markets and corporate strategies. The panelists encouraged an open dialogue, leading to an engaging exchange of ideas.



Panel Discussion moderated by Prof Li Haoliang

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2.4 Conclusion

The CityUHK EE 30th Anniversary Tech Seminar not only celebrated three decades of academic excellence but also set the stage for future collaborations and innovations. By bringing together leaders from academia and industry, CityUHK continues to position itself as a pivotal institution in the nexus of education and technology. This event highlights the university's commitment to fostering an environment where education meets practical application, thus preparing students and professionals alike for the challenges and opportunities of the future.



Group photo of the Guest Speakers and EE department management

3 VIP Lunch Gathering

A VIP lunch hosted by the Department Head Prof. Zhaoyang Dong took place at CityUHK Lodge, where approximately 30 industrial partners and faculty members had the opportunity to connect. This gathering facilitated discussions on future collaborations and strengthened relationships between the department and its industrial partners.

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4 Research Poster Competition

One of the most exciting components of the anniversary celebration was the Best Research Student Poster Competition. This event took place in the Multi-disciplinary Projects Lab (MPL) where eight selected research projects were showcased.



Introduction to Best Research Student Poster Competition by Prof Leanne Chan

A panel of judges, comprising three faculty members and three industrial experts led by Prof. Zhaoyang Dong as chief judge, evaluated the submissions. The champion of the Best Research Student Poster Competition was Ms. Crystal Hong Xiao for her exceptional project titled "Engineered Platforms for In-Vitro Investigation of Nasopharyngeal Carcinoma Metastasis with Impedance Sensing," supervised by the esteemed Prof. Stella Pang, Chair Professor of EE. The second prize went to Ms. Lin Rong for her project on integrated-resonant meta-devices, and the third prize was awarded to Mr. Junyun Yang for his research on efficient nonlinear function approximation.



Opening Remark by Prof Zhaoyang Dong, Head of EE

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Judge Panel visited the booths



Winners of the Best Research Student Poster Competition



Group photo of the Best Research Student Poster Competition

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5 Gala Dinner Celebration

The culmination of the anniversary celebrations was a Gala Dinner held at The Langham, located at 8 Peking Road, Tsim Sha Tsui, Kowloon, Hong Kong. Over 286 guests attended this momentous event.



Group photo of the CityUHK EE 30th Anniversary Gala Dinner

President of CityUHK, Prof. Freddy Boey, shared a celebratory video highlighting the accomplishments of the EE department over the past 30 years. Dean of College of Engineering, Prof. Lu Jian, reiterated the department's achievements and the significant activities organized to commemorate this special milestone. Guests enjoyed various festivities, including a singing contest, which added to the celebratory atmosphere.



Sharing by President of CityUHK, Prof. Freddy Boey



Keynote by Dean of College of Engineering, Prof. Lu Jian

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Opening and Closing Remark by Head of EE, Prof Dong ZhaoYang

A presentation of souvenirs was made by the department head to all donors, acknowledging their contributions. Notably, the platinum donors included Fujikon and Sengital, the gold donors were Gold Peak Technology Group and Locobike, and the silver donor was SUGA. The total amount of donations reached HKD 325,000, which will support various student activities, including the best FYP competition and the best research student poster competition.



Souvenir to donors and Group photo of all donors

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6 Conclusion

The CityUHK EE 30th anniversary celebration was a memorable occasion that highlighted the department's achievements, fostered connections within the academic and industrial community, and looked forward to future endeavors. This celebration underscored the importance of collaboration and innovation in driving educational and technological advancements.

7 References

- <https://www.ee.cityu.edu.hk/>

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