

Chairman's message – Ir Prof GE Ming 2022/23

I am honored to be elected as the Chairman of CAI Division. Being devoted to the establishment of Hong Kong as an innovation hub over the past 25 years, I see the rapid development in various technological sectors including Artificial Intelligence, Robotics IoT, etc. which facilitate the development of Control, Automation and Instrumentation.

With an aim to create a better ecosystem for the exchange of knowledge and technologies, providing better talent training and strengthening the cooperation with the Guangdong-Hong Kong-Macao Greater Bay Area (GBA) are now more important than ever to facilitate the export of our high-level technologies to the world.

HKIE is bound to enlarging its influence by attracting more talents to join our institution for the good of Hong Kong and Mainland China. It is essential for us to learn more about the engineering qualification systems in the international community and build a mutual recognition of professional engineer qualifications with GBA. I firmly believe that our CAI Division can make great contributions in encouraging talents from the mainland to break the geographic boundaries and walk up to the world, by leveraging on Hong Kong's advantage as the world city of Asia.

I hope we can explore together the potential of future development in automation and instrumentation, and also new opportunities in emerging technologies to make our life, work and city more smart and better.

Together, we build a more beautiful future of our city.

Flagship events in session 2022/23

a. CAD Annual Summit – Ir Prof Eddie LOCK

The annual summit is scheduled on 2-3 May 2023 in the format of hybrid mode. The theme of this year's summit was "Proud to be CA Engineers". A number of professionals from different organizations and companies will deliver presentations to share their expertise and experience on the latest developments and applications of emerging technologies such as AI technologies, biomedical imaging device, smart grid development, big data in manufacturing, etc. and followed by the technical visit to innovation hub and the Legislative Council at the day after. It is clear to see that nowadays control & automation engineers contribute to the development of the city.

b. Annual Dinner/Reception – Ir Prof Louis LOCK

Annual Dinner of CAD has always been an event to gather our friends, partners within the engineering community to socialize, network and exchange views and insights. The annual dinner was hosted in the Hong Kong Football Club to gather us this year. Thanks to Louis and the OC in making this a success to mingle and create more values in years ahead.

c. Paper Award Competition – Ir Dr SL MAK

The competition aims to promote Control, Automation & Instrumentation technologies and encourage students, engineers and professionals to share their knowledge or experiences related to CAI discipline. The theme is "Innovation & Invention" to support our annual event. After the assessment process by the judging panel, the awards under the three categories, namely undergraduate level, postgraduate level and working professional level will be decided.

2. Financial Statement – Ir Kent LAM

Please refer to Appendix 1.

3. Webinars and Visits

Please refer to Appendix 2.

4. Note of Appreciation

Sincere thanks to the OC chairmen of the abovementioned flagship events, our IPC Ir Prof the Hon SUN Dong, our Office Bearers Ir Prof Eddie LOCK, Ir Kent LAM and Ir Tony KWONG in coordinating CAD office operations. Our gratitude to Louis YIU and Crystal CHAN for actively organizing events, webinars and activities, Discipline Rep Ir TANG Siu Wah Alain guarding the welfare to ensure the quality of CAI engineers, webmaster Ir KM LO in maintaining an attractive and updated webpage outlook.

| Post | Name (in full) |
|---|--------------------------|
| Chairman | Ir Prof GE Ming |
| Immediate Past Chairman | Ir Prof the Hon SUN Dong |
| Deputy Chairman | Ir Prof Eddie LOCK |
| Hon Secretary | Ir Tony KWONG Tun Yin |
| Hon Treasurer | Ir Kent LAM Wing Keung |
| Public Services Committee (PSC) Representative | Ir Louis CHING Ming Tat |
| Continuing Professional Development Committee (CPDC) Representative | Ir LEE Ping Kuen |
| Council Member (Division) | Ir LEUNG Chung Sing |
| Discipline Representative | Ir TANG Siu Wah Alain |

5. CAD Membership

Allow me to disclose that the number of members of division is 1,418 as of 3rd Apr 2023.

6. Way Forward

In the past 3 years, our annual summit, annual dinner, delegation visits and other activities were affected by the epidemic. I look forward to resuming as many annual activities as possible in the coming years. In addition, we hope to organize a series of webinars in cooperation with our partners to let our members learn about new ideas, emerging technologies and industry trends.

Financial Statement for 2022/23

1. The surplus bring forward from 2021-22 as at 1-Apr-2022 was **HKD151,022.49**
2. The total income and expenditure for the period of 1-Apr-2022 through 31-Mar-2023 were **HKD64,320.48** (Income) & **HKD97,874.63** (Expenditure)
3. The accumulated surplus of the Divisional account as at 31-Mar-2023 was **HKD117,468.34**

Detailed Breakdown of Financial Data (For information only)

CAI Division

| | 1st Quarter Apr - Jun 22 | 2nd Quarter Jul - Sep 22 | 3rd Quarter Oct - Dec 22 | 4th Quarter Jan - Mar 23 | Year-to-date Total |
|------------------------------|-----------------------------|-----------------------------|-----------------------------|-----------------------------|-----------------------|
| <u>INCOME</u> | | | | | |
| C1 Sundry Income | - | - | - | - | - |
| C2 Sponsorship | - | - | - | - | - |
| C3 Donations Received | - | - | - | - | - |
| C4 Interest Income | 1.02 | - | 16.94 | - | 17.96 |
| C5 Special Income | - | - | - | - | - |
| C6 Affiliate Subscription | - | - | - | - | - |
| C10 Other Income | - | - | - | - | - |
| | 1.02 | - | 16.94 | - | 17.96 |
| <u>EXPENDITURE</u> | | | | | |
| E1 Printing & Stationery | (68.00) | (294.00) | (560.00) | (478.60) | (1,400.60) |
| E2 Postage | - | (188.70) | - | - | (188.70) |
| E3 Meeting/Catering Expenses | - | - | - | - | - |
| E3.1 Catering - H.O. Charges | - | (1,877.50) | (1,895.00) | (1,850.00) | (5,622.50) |
| E4 Sundries | (1,924.20) | - | - | (215.30) | (2,139.50) |
| E5 Souvenirs | (910.00) | (1,255.00) | (1,160.00) | (940.00) | (4,265.00) |
| E6 AGM (all expenses) | (4,742.33) | - | - | - | (4,742.33) |
| E7 Bank Charges | - | - | (250.00) | - | (250.00) |
| E8 Travelling | (320.60) | (1,076.60) | (493.70) | (1,463.90) | (3,354.80) |
| E9 Speakers Fees | - | - | - | - | - |
| E10 Venue Hire | - | - | - | - | - |
| E11 Sponsorship | - | - | - | (4,500.00) | (4,500.00) |
| E12 Head Office Functions | - | - | (12,000.00) | (21,600.00) | (33,600.00) |
| E20 Other Expenditure | - | - | - | - | - |
| | (7,965.13) | (4,691.80) | (16,358.70) | (31,047.80) | (60,063.43) |

Detailed Breakdown of Financial Data

(For information only)

| | | | | | |
|---|------------|-------------|-------------|-------------|-------------------------|
| E31 Technical Seminar | (600.00) | (4,087.00) | (2,768.40) | (2,871.20) | (10,326.60) |
| E32 Symposium | 1,000.00 | - | - | - | 1,000.00 |
| E33 Published Article | (1,200.00) | (900.00) | - | (1,800.00) | (3,900.00) |
| E34 Annual Dinner | (75.90) | - | 3,189.72 | (691.30) | 2,422.52 |
| E35 Technical Meeting | (360.00) | - | - | - | (360.00) |
| E36 Paper Award | - | (10,000.00) | - | (2,388.00) | (12,388.00) |
| E37 Technical Visit | - | - | - | (836.60) | (836.60) |
| E90 HKIE Engineers Week | - | - | - | (10,000.00) | (10,000.00) |
| | <hr/> | <hr/> | <hr/> | <hr/> | <hr/> |
| | (1,235.90) | (14,987.00) | 421.32 | (18,587.10) | (34,388.68) |
| Total Expenditure | <hr/> | <hr/> | <hr/> | <hr/> | <hr/> |
| | (9,201.03) | (19,678.80) | (15,937.38) | (49,634.90) | (94,452.11) |
| Surplus/(Deficit) Before Approved Allocations | <hr/> | <hr/> | <hr/> | <hr/> | <hr/> |
| | (9,200.01) | (19,678.80) | (15,920.44) | (49,634.90) | (94,434.15) |
| Surplus b/f from 21/22 | | | | | 151,022.49 |
| Affiliate Subscription | | | | | 6,880.00 |
| 2022/2023 Approved Allocations | | | | | 54,000.00 |
| Accumulated Surplus/(Deficit) c/f | | | | | <hr/> <u>117,468.34</u> |

Appendix 2 – Activity List for CAD session 2022/23

| | |
|------------|--|
| 22/09/2022 | Technical Webinar: Metaverse and Blockchain! Why are they needed and why are they interdependent? |
| 20/10/2022 | Technical Webinar: Sustainable Smart City- Cloud-native GIS, Database & Data Analysis Solution for Digital Twins |
| 16/11/2022 | Webinar: Differences between Silver Micron Particle and Silver Nanotechnology |
| 14/12/2022 | Technical Webinar: From STEM to STEAM, an overview on current popular STEAM activities and how STEAM can incubate future engineers |
| 20/12/2022 | Control, Automation & Instrumentation Division (CAD) 36th Anniversary Ceremony cum 22/23 Annual Dinner |
| 18/01/2023 | Technical Seminar: Industrial Transformation and Upgrading in Hong Kong with Artificial Intelligence (AI) and Robotics Technology |
| 15/02/2023 | Technical Seminar: Modular Integrated Construction Lift “MiC Lift” |
| 24/04/2023 | Technical Seminar: Build and Simulate Autonomous Robots on the Cloud |
| 02/05/2023 | CA Division 22/23 Summit - Proud to Be CA Engineers (2 & 3 May 2023) |