

Chairman's message – Ir Prof the Hon SUN Dong 2021/22

I am honored to be elected as the Chairman of CAI Division. Hong Kong is at a turning point in history, and the future will be full of challenges. Thank you for supporting me in this special period, facing challenges with you, and advancing for our engineering industry. I would like to express my sincere gratitude to all those who contributed time to our members during this challenging time.

High-tech innovation is bound to bring a new and beautiful future to Hong Kong. I firmly believe that our CAI Division can make our contribution to this high-tech development. Coordination between universities and industry is now more important than ever. I hope we can explore together how to establish a high-tech niche industry in Hong Kong, how to develop more high-tech companies, and how to create more high-profile jobs for our young generations? Let's work together to face all these challenging problems.

While maintaining our strength in digital manufacturing and automation, our Division may also need to explore new opportunities in other emerging areas, such as smart cities, biomedical technology, artificial intelligence, and robotics.

We need vision, collaboration, innovation and strategy to achieve our goal.

1. Flagship events in session 2021/22

a. CAD 35th Annual Summit – Ir Prof Eddie LOCK

The annual summit was held successfully on 26th Feb 2022 in the format of webinar. Around 300 participants attended the event. The theme of this year's summit was "It's Time to Change, NextGen. of Control, Automation & Instrumentation". A number of professionals from different organizations and companies delivered presentations to share their expertise and experience on the latest developments and applications of emerging technologies such as IoT Application, Smart Transportation, Energy Management, AI-Powered Inspection, etc. It is clear to see that nowadays control & automation engineers are contributive to the development of the Greater Bay Area.

b. Annual Dinner/Reception – Ir Prof Louis LOCK

In view of the situation of COVID-19 pandemic, the captioned event was cancelled.

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. With the theme "Innovation & Invention" this year, we received 25 quality papers from industries and academies. After the assessment process by the judging panel, the awards under the three categories, namely undergraduate level, postgraduate level and working professional level have been decided and the results will soon be announced.

d. Mainland Networking – Ir Prof Louis LOCK

In view of the situation of COVID-19 pandemic, we were unable to confirm the exact date and detailed arrangement of the delegation at this moment. Formal Division Delegation headed by

Division Chair would be resumed when the problem related to the COVID-19 pandemic has been substantially solved.

2. Financial Statement (audited) – 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 CS LEUNG, our Office Bearers Ir Prof Eddie LOCK, Ir Kent LAM and Ir Tony KWONG in coordinating CAD office operations. Our gratitude to Louis YIU for actively organizing events, webinars and activities, Discipline Rep Ir Prof Louis LOCK in 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 the Hon SUN Dong
Immediate Past Chairman	Ir LEUNG Chung Sing
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 Nuffield NG Man To
Council Member (Division)	Ir LEUNG Chung Sing
Discipline Representative	Ir Prof Louis LOCK Fat Shing

5. CAD Membership

Allow me to disclose that the number of members of division is 1,457 as of 3rd May 2022.

6. Way Forward

In the past 1-2 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 2021/22

1. The surplus bring forward from 2010-21 as at 1-Apr-2021 was **HKD110,093.25**
2. The total income and expenditure for the period of 1-Apr-2021 through 31-Mar-2022 were **HKD87,291.48 (Income) & HKD46,362.24 (Expenditure)**
3. The accumulated surplus of the Divisional account as at 31-Mar-2022 was **HKD151,022.49**

Detailed Breakdown of Financial Data (For information only)

CAI Division

	1st Quarter Apr - Jun 21	2nd Quarter Jul - Sep 21	3rd Quarter Oct - Dec 21	4th Quarter Jan - Mar 22	Year-to-date Total
INCOME					
C1 Sundry Income	-	-	-	-	-
C2 Sponsorship	-	-	-	-	-
C3 Donations Received	-	-	-	-	-
C4 Interest Income	0.98	-	1.30	-	2.28
C5 Special Income	-	-	-	-	-
C6 Affiliate Subscription	-	-	-	-	-
C10 Other Income	-	-	-	-	-
	<u>0.98</u>	<u>-</u>	<u>1.30</u>	<u>-</u>	<u>2.28</u>
EXPENDITURE					
E1 Printing & Stationery	-	(3,710.00)	(590.00)	(1,160.00)	(5,460.00)
E2 Postage	-	-	(40.00)	-	(40.00)
E3 Meeting/Catering Expenses	(940.50)	(948.00)	(5,774.60)	(125.00)	(7,788.10)
E3.1 Catering - H.O. Charges	(344.34)	(167.50)	-	(5,662.50)	(6,174.34)
E4 Sundries	(501.00)	(500.00)	-	(1,250.00)	(2,251.00)
E5 Souvenirs	(430.00)	(375.00)	(1,080.00)	(2,500.00)	(4,385.00)
E6 AGM (all expenses)	-	-	-	-	-
E7 Bank Charges	-	-	(200.00)	-	(200.00)
E8 Travelling	(180.20)	(817.90)	(477.70)	(1,009.60)	(2,485.40)
E9 Speakers Fees	-	-	-	-	-
E10 Venue Hire	-	-	-	-	-
E11 Sponsorship	-	-	-	-	-
E12 Head Office Functions	-	-	-	-	-
E20 Other Expenditure	-	-	-	-	-
	<u>(2,396.04)</u>	<u>(6,518.40)</u>	<u>(8,162.30)</u>	<u>(11,707.10)</u>	<u>(28,783.84)</u>

Detailed Breakdown of Financial Data

(For information only)

E31 Technical Seminar	(1,267.60)	-	(2,003.50)	-	(3,271.10)
E32 Symposium	(15.00)	-	-	26,424.20	26,409.20
E33 Published Article	(1,200.00)	(1,800.00)	(300.00)	(1,200.00)	(4,500.00)
E34 Paper Award	-	(1,467.30)	-	-	(1,467.30)
E35 Technical Meeting	-	-	-	(1,440.00)	(1,440.00)
E36 Annual Dinner	-	-	-	(1,900.00)	(1,900.00)
E90 HKIE SAST Symposium	(5,000.00)	-	-	-	(5,000.00)
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	(7,482.60)	(3,267.30)	(2,303.50)	21,884.20	8,830.80
Total Expenditure	<hr/>				
	(9,878.64)	(9,785.70)	(10,465.80)	10,177.10	(19,953.04)
Surplus/(Deficit) Before Approved Allocations	<hr/>				
	(9,877.66)	(9,785.70)	(10,464.50)	10,177.10	(19,950.76)
Surplus b/f from 20/21					110,093.25
Affiliate Subscription					6,880.00
2021/2022 Approved Allocations					54,000.00
Accumulated Surplus/(Deficit) c/f					<hr/> <hr/>
					151,022.49

Appendix 2 – Activity List for CAD session 2021/22

20/04/2022	Technical Webinar: Route to Professional Control, Automation and Instrumentation Engineers for Lift and Escalator Practitioners
08/04/2022	Technical Webinar: Application of Innovative Technology in Construction Industry
30/03/2022	Technical Webinar: Sustainable Smart City - From Urban Infrastructure to Landing
16/03/2022	Technical Webinar: Ergonomics and Work Design
26/02/2022	CAD Annual Summit 2022
09/02/2022	Technical Webinar: Green Hydrogen Production in Hong Kong
26/01/2022	Technical Webinar: Robotics for Elevator Installation
28/12/2021	Webinar on Curiosity Takes Flight through The Lens. Lighting Your Dreams form Science Videos 透过镜头 放飞好奇; 科学影像 点燃梦想
23/11/2021	Technical Webinar: “Net” Hero for Net-Zero: The Digitization of Decarbonization
28/10/2021	Technical Webinar: Creating a Sustainable Future with Innovative Technologies
25/10/2021	Technical Webinar: Merit of Vertical and Horizontal Type Automated Car Parking System: Experiences From Europe
28/09/2021	Technical Webinar: The Impact of 5G on the Digital Transformation
26/08/2021	Technical Webinar: CA Division Paper Award Prize Presentation