



# 安全通訊

## Safety Bulletin

Jan / Feb 2025

香港職業安全衛生協會  
THE HONG KONG OCCUPATIONAL SAFETY AND HEALTH ASSOCIATION

### 蛇年賀詞

藉此乙巳蛇年來臨之際，香港職業安全衛生協會謹向全體會員致以最誠摯的祝福！過去一年，感謝各位與協會攜手並進，以專業與熱忱推動職安健文化，為香港職場築起堅實的安全屏障。

蛇年寓意「智能」與「蛻變」，正如我們在職業安全領域的追求：



「靈蛇般的敏銳洞察」：願新一年，我們持續精進風險評估能力，洞悉隱患於微時；

「蛇蛇般的創新突破」：面對工種變革與新興風險，盼以科技與培訓推動安全管理的疊代升級；

「金蛇納福的祥瑞之勢」：祝願各界企業與從業者「工安零事故，業旺人長健」，共創平安繁榮新篇章！

### 回顧與展望

過去一年，協會執委同心協力，除了成功舉辦四場職安健講座外，也統籌了七次參觀（見表），以促進分享同業的創新科技及實踐優化職安健的措施，總出席人數為235。

#### 職安健講座

1. 棚架工程安全管理 (19/3/2024)
2. 職業健康安全實踐作為ESG策略的重要支柱 (16/4/2024)
3. 建造業議會主席何安誠工程師：安全從業員如何發揮主動作用，提升建造業安全管理 (3/6/2024)
4. 香港理工學院工程經理周立人先生：機器人安全 (10/12/2024)

#### 參觀地點 / 項目

1. 荃灣電話投注中心 (20/1/2024)
2. VTM Digital Limited (10/7/2024)
3. VTM Digital Limited (11/7/2024)
4. 粉嶺繞道工程 (5/10/2024)
5. 喜利得客戶體驗中心 (26/10/2024)
6. 尖沙咀雨水排放改善工程 (9/11/2024)
7. 大亞灣核電廠和核能科技館 (23/11/2024)

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海外方面，協會組團參與了廣州的國際緊急安全博覽會，哈爾濱的兩岸四地職安健會議以及曼谷的亞太區職安健會議。亦參與聯會、職安局及友會等活動，包括約見勞工處、參觀廣州先進企業單位等。

愧見近年職業意外依然高企，不少家庭頓失依靠，我等作為安全守護員責無旁貸。展望蛇年，我們將進一步與政府、企業和友會深化合作，讓安全意識扎根到每個工作角落。

### 新春寄語

願各位會員及家人：

- ✦「身如靈蛇矯健」：遠離工傷疾病，健康常伴；
- ✦「勢若金蛇騰躍」：事業穩步高升，安全領航；
- ✦「福隨祥蛇入戶」：家宅和睦美滿，歲歲安康！



### 同心同行，職安永續

讓我們以蛇年智慧與韌性，繼續守護「人人重視安全、處處享有健康」的願景！

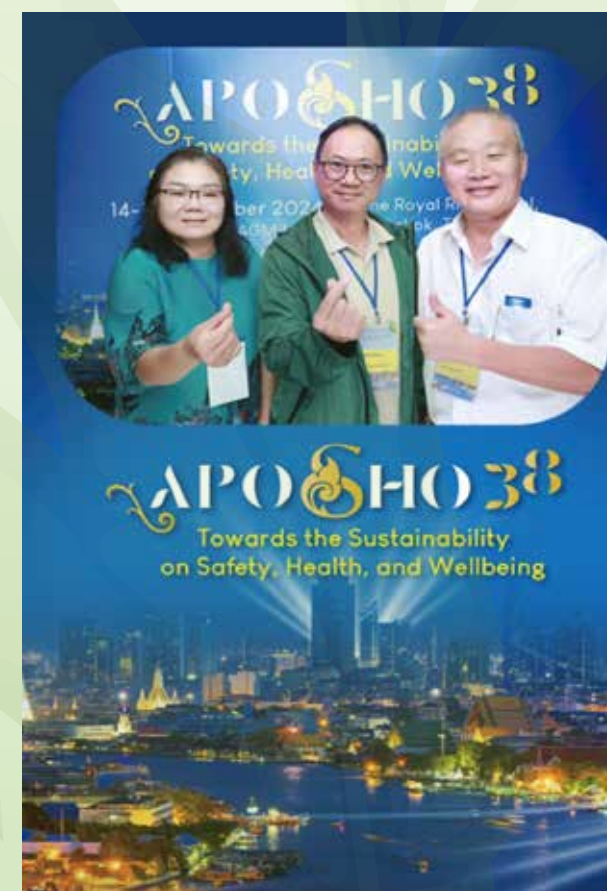
香港職業安全衛生協會敬賀  
二零二五年二月

# 38<sup>th</sup> Asia Pacific Occupational Safety & Health Organization (AOSHO 38) Annual General Meeting & Conference

Author: Ms Julie MA, Executive Committee Member, Vice Chairman of Editorial Board and Outreach & Networking Committee of HKOSHA

I was privileged to represent our organization at the Asia Pacific Occupational Safety and Health Organization (AOSHO) 38 Annual Conference and Expo. Together with our HKOSHA President, Mr. Edward CHOW, and EC member and Chairman of Outreach & Networking Committee, Professor Dr Daron LEUNG, we participated in an impactful series of Committee Meetings and the Annual General Meeting (AGM) from November 14 to 17, 2024, in Bangkok, hosted by the Safety and Health at Work Promotion Association, Thailand (SHAWPAT).

On November 14, we took part in six essential Committee Meetings, including the Management and Development Committee, Membership Screening Committee, Occupational Health and Safety Management System Committee, Communication Committee, Education and Training Committee, and Health and Wellbeing Committee. These meetings provided a robust platform for sharing insights and generating actionable recommendations. The day culminated in a welcome cocktail reception that officially launched AOSHO 38.



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The 2-day Conference, held from November 15 to 16, 2024, under the theme “Towards the Sustainability on Safety, Health, and Wellbeing,” was presented by Conference Chair of APOSHO 38 and President of SHAWPAT, Mr Prasopchai Yuvaves, alongside the Secretary-General of APOSHO, Mr Bernie Doyle. This Conference convened influential practitioners, academics, and specialists in occupational safety and health (OSH) from across the globe. We had the privilege of hearing from a host of esteemed keynote speakers, celebrated hero rescuers, leading executives, and esteemed academics who provided invaluable insights, shared groundbreaking ideas, and showcased advanced technologies to foster a culture of safety and sustainability in our workplaces and communities. Additionally, the safety exhibition featured cutting-edge innovations, all hosted at The Royal River Hotel, Bangkok, Thailand.



Photo with the Hong Kong OSH Council and international OSH family members



Hong Kong Labour Department shared the new mobile application for promoting OSH

On the evening of 15 November 2024, we participated in a memorable Gala Dinner with the APOSHO family, enjoying an engaging night filled with music, dancing, and traditional Thai performances. We were captivated by the exceptional Thai hospitality and the vibrant atmosphere of the “Loy Kratong Festival.” While releasing our “floating lotus-shaped boats” into the Royal River, we made collective wishes and set our intentions for peace in 2025.



Photos at Gala Dinner with APOSHO International Members







Loy Kratong Festival : HKOSHA President Mr. Edward CHOW with his wife made a wish for peace

The two-day APOSHO Conference attracted significant participation, with over 333 attendees, including representatives from APOSHO member organizations and three Honorary Members, notably our EC member, Professor Dr Daron LEUNG.

Professor Dr Seong-Kyu Kang, President of the International Commission on Occupational Health, delivered a compelling keynote speech on “Economy, Social System and Occupational Safety and Health.” He outlined the pressing regional challenges in OSH related to economic factors, addressed the complexities of social security systems across various income levels, and highlighted the evolving OSH challenges following COVID-19. His insights underscored the critical need for prioritizing OSH in the context of globalization and economic development.



Professor Dr Seong-Kyu Kang delivered the keynote speech

I am excited to announce that the upcoming APOSHO 39 Annual Conference and Expo, alongside the Committee meetings and AGM, will be held from November 26 to 29, 2025, at the YASHOBHOOMI (India International Convention Centre) in Dwarka, New Delhi of India. This year’s theme will be “Health, Safety, Environment - Safer and Healthier World through Innovations and Collaborations,” hosted by the National Safety Council of India (NSCI). We strongly encourage you to participate in this vital international event and to nominate representatives from your organization. The year 2025 marks the 40<sup>th</sup> anniversary of APOSHO, a remarkable milestone that deserves your presence. Join us to reconnect with old friends and forge new relationships. We look forward to seeing you, along with your friends and family, at APOSHO 39.

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# Digital Transformation in Occupational Safety and Health

Author: Dr Fowie NG, Associate Professor, School of Management, Tung Wah College;  
Vice-President, Hong Kong College of Health Service Executives

Apart from the digital transformation of various companies in handling business in the private sector, the Government of the HKSAR recently set up the 'Digital Policy Office' (DPO) in July 2024 to drive the development of smart innovation across different areas of Hong Kong (HKSAR, 2024a). The office is trying to improve Government's efficiency and services to better serve the public, including citizens and businesses, in support of sustainable development in digital governance, economy and society.

In the field of occupational safety and health, the Labour Department (LD) has revamped and launched the 'OSH 2.0' mobile app in March 2024. This app is designed for the public and various stakeholders to solicit information about various aspects of occupational safety and health (HKSAR, 2024b; LD, 2024). Notable improvements to the user interface (UI) have been made to ensure the users have easy access to information at their fingertips. The Android version has garnered over 10,000 downloads with a rating of 3+, while the OS version has a rating of 5 out of 10. The new features in the 2.0 version support English, Chinese and simplified Chinese, including :

- Work Safety Alert (with text and animation)
- OSH Training
- Online OSH Compliant Form
- Systemic Safety Alert
- Catering Safety Animation
- Important Announcement



For further continuous improvement, it is suggested to increase the section that links to other important stakeholders advocating for OSH, such as the Occupational Safety and Health Council (OSHC). To encourage downloads and engagement, several strategies are have been proposed to attract and retain mobile app users (Forbes, 2025). Some of these strategies have already been adopted by OSH 2.0, but it remains crucial to consider the following:

- Implementing gamification such as rewards
- Engaging with users to understand their reasons for downloading the app
- Providing a seamless user experience (UX) by updating the app based on user feedback
- Creating and enhancing value to the users
- Offering exclusive content with segmentation for different OSH-related industries
- Staying current with content and trends through reviews and surveys assessing user needs

The OSH 2.0 has been featured as one of the 'success stories' shared by the Digital Policy Office, showcasing how government bureaus and departments can effectively utilize the concept of 'Digital Government'. The app was developed with the intent of fostering a safer and healthier working environment in Hong Kong. The initiative deserves recognition and ongoing encouragement, especially concerning the continuous improvement programme aimed at attracting and retaining users.

## References

Forbes (2025), 15 Strategies For Attracting and Retaining Mobile App Users, at <https://www.forbes.com/councils/forbesbusinessdevelopmentcouncil/2023/04/14/15-strategies-for-attracting-and-retaining-mobile-app-users/> retrieved on 5 Jan 2025.

HKSAR (2024a), Digital Policy Office, at [https://www.digitalpolicy.gov.hk/en/about\\_us/](https://www.digitalpolicy.gov.hk/en/about_us/) retrieved on 20 Dec 2024.

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# Robot Safety

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Robotics technology, which is already ubiquitous today, is set to play an even more pivotal role in our Smart Site Safety System as it continues to evolve and improve.

With a plethora of robot types and numerous corresponding international standards, it is crucial for individuals to understand and distinguish between them, prioritizing safety over the ease of use. This understanding can prevent serious injuries, as evidenced by recent robotic accidents worldwide.

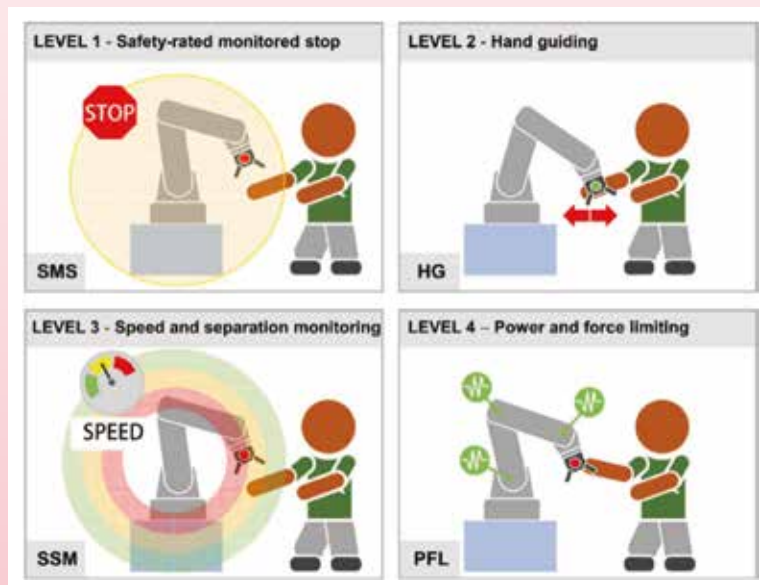
Robots fall into two main categories per international standards: industrial robots and service robots.

Industrial robots exhibit versatility, functioning effectively both indoors and outdoors. Construction robots mounted on crawlers or autonomous vehicles are the trend in outdoor settings.

Collaborative robots, or cobots, hidden in the category of industrial robots, are experiencing increasing popularity. These cobots are purposefully designed to operate alongside humans in shared spaces, prioritizing higher safety standards. Despite their distinct purpose, a lack of precise definitions for cobots often confuses with industrial robots. This confusion has led to an incident where slender industrial robots were mistaken for cobots, resulting in some people getting injuries. In many scenarios, individuals trapped or injured by robots faced challenges in swiftly moving the machines due to the unavailability of immediate switches for intervention, which are safety features that allow humans to quickly stop or change the actions of a robot in case of an emergency.

The distinguishing factor between industrial robots and cobots is primarily power, although the latter is becoming more potent over time. This evolution suggests that future international standards might not differentiate between the two categories, potentially enhancing safety protocols for industrial robots (Hjorth, et al., 2022).

The utility of robots spans various sectors, encompassing industrial and commercial operations, healthcare, and rescue missions. Their deployment significantly aids humans in performing a multitude of tasks. Expanding the use of robots in a regulated and secure manner is crucial to safeguarding the well-being of individuals who interact with them.



### Visualization of the four different control levels

Cited from Hjorth S., Chrysostomou D., Feb. 2022, Human-robot collaboration in industrial environments: A literature review on non-destructive disassembly. Robotics and Computer Integrated Manufacturing, 73, Article 102208, Figure 4.

# HKOSHA NEWS

## Current Members

As of end Feb 2025, there are 447 members in HKOSHA.

The following membership application were approved in February 2025

## Approval of Membership

Name	Grade of Membership
CHUNG Cheuk Fung	Member
FANG Guo Wei	Professional Member (General)



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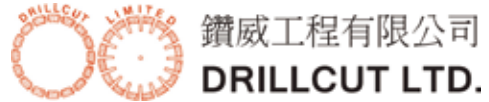
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