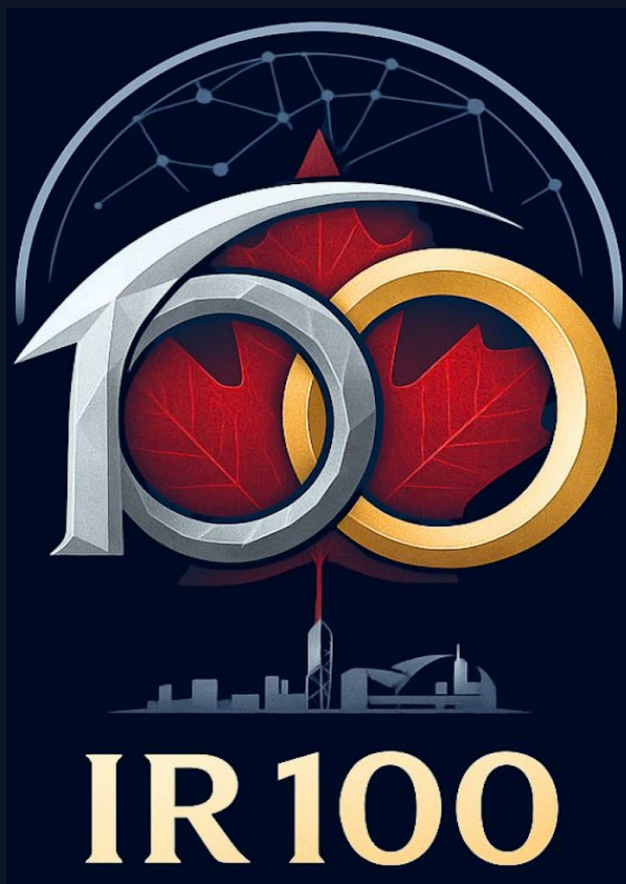


Programme Overview



IRON RING CENTENNIAL ASIA-PACIFIC CONFERENCE HONG KONG

Saturday January 24, 2026
Grand Ballroom, JW Marriott Hotel
Admiralty, Hong Kong

Message from Our Patron



Government
of Canada

Gouvernement
du Canada

Mr. Charles Edwin Reeves **Consul General of Canada to Hong Kong and Macau**

As Patron of the Iron Ring Centennial Conference, it is with great honour that I extend my warmest greetings. This landmark gathering represents a century of Canadian engineering excellence, ethical practice, and unwavering commitment to professional responsibility.

The Iron Ring ceremony, first held in 1925, stands as one of Canada's most distinguished traditions in professional engineering. For 100 years, this symbolic ritual has reminded engineers of their solemn obligation to serve society with integrity, humility, and dedication. Today, as we celebrate this centennial in Hong Kong, we recognize not only this remarkable tradition but also the strong bonds between Canada and the Indo-Pacific region.

Hong Kong has long been home to a vibrant community of Canadian engineering graduates who have contributed significantly to the region's development and prosperity. Their expertise spans infrastructure, technology, sustainability, and innovation—sectors that are fundamental to Hong Kong's role as a global hub and to Canada's leadership in industry excellence and education. This conference brings together accomplished Canadian alumni, distinguished academic leaders, and industry pioneers to share insights on the future of engineering in an era of rapid technological advancement and ethical complexity. Through cross-border collaboration, knowledge exchange, and entrepreneurial ventures, these professionals not only strengthen ties between Canada and Hong Kong but also amplify Canada's—and the Iron Ring's—reputation for world-class engineering talent committed to solving global challenges.

I am especially pleased that this conference features an exceptional lineup of distinguished speakers, including the deans of eight of Canada's most prestigious engineering faculties: Dean Viviane Yargeau from McGill University, Dean Heather Sheardown from McMaster University, Dean Kevin Deluzio from Queen's University, Dean James Olsen from the University of British Columbia, Dean Caroline Cao from University of Ottawa, Dean Phillip Choi from University of Regina, Dean Chris Yip from University of Toronto, and Dean Mary Wells from University of Waterloo. Their collective presence underscores the significance of this centennial celebration and represents the very best of Canadian engineering leadership and academic excellence.

The organizing committee has created an exceptional event for the celebration of Canadian engineering heritage, not to mention for knowledge exchange and professional networking. The support of the generous sponsors and partners ensures that this historic milestone receives the recognition it deserves. This celebration of the iconic Canadian iron ring and the historic relationship between Canada and Hong Kong is an inspiration to future generations of engineers to uphold the highest standards of professional excellence.

Veuillez accepter mes meilleurs vœux pour une conférence réussie et mémorable.

Charles Edwin Reeves
Consul General of Canada to Hong Kong and Macau

Guest of Honour

Professor Sun Dong, JP
Secretary for Innovation, Technology and Industry
HKSAR Government

We are privileged to welcome Professor Sun Dong, JP, Secretary for Innovation, Technology and Industry, as our Guest of Honour. His presence at this conference reflects the significance of this historic occasion and the enduring partnership between Canada and Hong Kong.



Professor Sun was appointed as the Secretary for Innovation, Technology and Industry on 1 July 2022.

Professor Sun is a world-renowned scholar and scientist. He is a pioneer in robotic manipulation of biological cells and robot control. His research has led to breakthroughs in the use of robotics combined with various micro-engineering tools. He has also received numerous awards.

Professor Sun was elected as Fellow of Canadian Academy of Engineering, Member of the European Academy of Sciences and Arts, Fellow of the International Academy of Medical and Biological Engineering, Fellow of IEEE, and Fellow of ASME.

Prior to his appointment, Professor Sun was the Chair Professor and Head of the Department of Biomedical Engineering at City University of Hong Kong, and the Legislative Council Member (Election Committee).

Celebrating a Century of Engineering Excellence

100

Years of Tradition

300+

Engineering Leaders

About the Iron Ring

The Iron Ring is Canada's most recognized symbol of engineering professionalism. First presented in 1925, the ring serves as a daily reminder of an engineer's obligation to the highest standards of professionalism and ethics. The Ritual of the Calling of an Engineer, which accompanies the presentation of the ring, is a solemn ceremony that has united generations of Canadian engineers in their commitment to serve society.

Why This Conference Matters

- **Historic Milestone:** The only centennial celebration of the Iron Ring tradition in the Asia-Pacific region
- **Unprecedented Gathering:** Eight deans from Canada's top engineering schools in one venue
- **Professional Excellence:** Insights on engineering ethics in the age of AI and emerging technologies
- **Community Connection:** Reconnect with fellow Iron Ring holders across the region
- **Future Vision:** Shape the next century of engineering leadership and innovation

Who Should Attend

- Iron Ring holders working in Asia-Pacific
- Canadian engineering alumni and professionals
- Senior engineering executives and decision-makers
- Academic leaders and researchers
- Students and recent graduates in engineering
- Industry professionals interested in engineering ethics and excellence

Distinguished Panelists

These distinguished leaders will share insights on the future of engineering education, ethics in the AI age, and the enduring legacy of the Iron Ring tradition. This unprecedented gathering represents the best of Canadian engineering leadership.

Panel: Modern Engineering Ethics and Building Trust



Dean Caroline Cao

University of Ottawa

An internationally recognized expert in human-system integration and medical simulation, Dean Cao is committed to advancing research and innovation that serve the public good. Under her leadership, the Faculty of Engineering is strengthening global partnerships, expanding interdisciplinary research and entrepreneurship, and fostering an inclusive environment where all learners and researchers can thrive.



Prof De Kai

The Hong Kong University of Science and Technology

Author of MIT Press' award-winning *Raising AI*, De Kai is the pioneering AI professor who invented and built the web's first global language translator that spawned Google Translate, Yahoo Translate, and Microsoft Bing Translator. Named an ACL Founding Fellow, De Kai holds joint appointments at HKUST's Department of Computer Science and Engineering and at Berkeley's International Computer Science Institute, is Independent Director of AI ethics think tank The Future Society, and was one of eight inaugural members of Google's AI ethics advisory council.



Dean Kevin Deluzio

Queen's University

Dean Deluzio brings expertise in biomedical engineering and a commitment to inclusive excellence at Queen's. His leadership focuses on expanding research impact while maintaining the faculty's strong tradition of hands-on learning.



Dean Heather Sheardown

McMaster University

Dean Sheardown is a Professor in the Department of Chemical Engineering and Dean of the Faculty of Engineering at McMaster University with a cross appointment to the Department of Pathology and Molecular Medicine and an adjunct appointment with the School of Optometry at the University of Waterloo.



Dean Mary Wells

University of Waterloo

Dean Wells champions experiential learning and co-operative education at one of Canada's premier engineering institutions. Her vision emphasizes preparing engineers to address complex global challenges through innovation and entrepreneurship.

Distinguished Panelists

These distinguished leaders will share insights on the future of engineering education, ethics in the AI age, and the enduring legacy of the Iron Ring tradition. This unprecedented gathering represents the best of Canadian engineering leadership.

Panel: The Future of Engineering Education



Dean Phillip Choi

University of Regina

Dean Choi, a Hong Kong native, is a recognized expert in polymer engineering. At the University of Regina, he is actively advocating for a systems approach in engineering education and research in the exploration of Saskatchewan's natural resources in an environmentally sustainable way.



Mr. Allen Lau

Co-founder and Operating Partner, Two Small Fish Ventures

Mr. Lau Allen is a visionary serial entrepreneur, investor, and respected leader within the tech community. He is a sought-after speaker on entrepreneurship and the innovation economy, and has been recognized twice as one of the Top 50 Most Influential People by Toronto Life. In 2020, he was inducted into the Engineering Alumni Hall of Distinction at the University of Toronto.



Dean James Olsen

The University of British Columbia

Dean Olsen advances UBC's reputation for sustainability and engineering innovation on the Pacific Rim. He has been instrumental in developing strategic partnerships that bridge academia and industry across the Asia-Pacific region.



Dean Viviane Yargeau

McGill University

Dean Yargeau is a distinguished leader in environmental engineering and sustainable development; She is committed to expanding McGill Engineering's international reach, fostering transdisciplinary research, and developing innovative training programs that prepare future engineers and entrepreneurs to address critical global challenges.



Dean Chris Yip

University of Toronto

Dean Yip leads Canada's largest engineering faculty, fostering innovation and excellence across diverse disciplines. Under his leadership, U of T Engineering has strengthened its global reputation for groundbreaking research and industry partnerships.

Conference Program

8:30 AM – 9:00 AM

Reception and Registration

9:00 AM – 9:30 AM

Welcome and Opening Remarks



Mr. Fred Kan
Chairman Iron Ring 100
Conference Committee



Mr. Charles Reeves
Consul General of Canada
to Hong Kong and Macau



Prof Sun Dong
Secretary of the Innovation,
Technology and Industry Bureau

9:30 AM – 10:20 AM

Panel: Modern Engineering Ethics and Building Trust



Dean Kevin Deluzio
Moderator



Dean Caroline Cao



Prof De Kai



Dean Heather
Sheardown



Dean Mary Wells

As artificial intelligence and emerging technologies reshape the engineering landscape, the ethical responsibilities of engineers have never been more critical. This panel explores how the profession can maintain public trust while navigating complex moral challenges in an era of rapid technological change.

10:20 AM – 11:10 AM

Panel: The Future of Engineering Education



Dean Chris Yip
Moderator



Dean Phillip Choi



Mr Allen Lau



Dean James Olsen



Dean Viviane Yargeau

The next generation of engineers will face unprecedented global challenges requiring new skills, mindsets, and approaches to problem-solving. Leading academic voices examine how engineering education must evolve to prepare graduates for a world defined by innovation, sustainability, and cross-disciplinary collaboration.

11:10 AM – 11:25 AM

Break

(Start of Exhibition/Showcase, continues to 15:00)

11:25 AM – 12:00 PM

The 100th Anniversary of the Iron Ring
Re-obligation Ceremony

12:00 PM – 2:30 PM

Lunch and Networking

Our Sponsors and Partners

We gratefully acknowledge the generous support of our sponsors and partners who make this historic celebration possible

Our Sponsors

★ Anchor Sponsor

Canadian International School of Hong Kong

We are deeply grateful to Canadian International School of Hong Kong (CDNIS) for their generous support as our Anchor Sponsor. Since 1991, CDNIS has established itself as a leading institution in Hong Kong, delivering an exceptional Canadian and International Baccalaureate education while nurturing generations of innovative thinkers and principled leaders. Their commitment to inspiring excellence, cultivating character, and empowering engagement locally and globally not only reinforces its reputation as one of the region's most forward-thinking and dynamic schools, but aligns perfectly with the values of the Iron Ring tradition. By partnering with us for this historic centennial celebration, CDNIS continues its legacy of supporting the Canadian community in Hong Kong and fostering future engineers who will shape the world with integrity and innovation.



Diamond



Silver



Our Sponsors and Partners

We gratefully acknowledge the generous support of our sponsors and partners who make this historic celebration possible

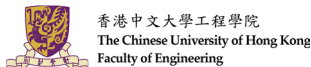
Bronze

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Supporting Organizations



Conference Tickets

Click the image below or use the QR code to go to registration site



Register today!

**Early bird tickets @ HKD\$800 before
December 31, 2025**

Points to Note:

Dress code: Business Casual

Accommodations:

- If you require hotel accommodations in Hong Kong, a negotiated rate is available at the JW Marriott Hotel for all participants
- At the end of the registration process there is a prompt with links to book your room
- Note that the special rate is valid for booking until December 22, 2025