



NEWSLETTER



23 YASHK Members attended the 4th YASHK Members' Meeting and Welcome New Members Gathering on 10 December 2022.

The 4th YASHK Members' Meeting and Welcome New Members Gathering

The 4th YASHK Members' Meeting and Welcome New Members Gathering was held on 10 December 2022. The meeting was attended by 23 Members. Anderson SHUM, the President of the YASHK, reported the works of YASHK. Co-chairs of the 5 sub-committees presented the accomplished activities and events in 2022.

In the New Members Gathering, YASHK new Members were presented with the Certificate of Membership by YASHK Executive Committee Members and they also introduced themselves to other Members.



Minhua SHAO presented the work of Internal Affairs Committee.

New Independent Committee Member

Professor Tong YANG, a Member of the ASHK was appointed by the ASHK Board of Directors to be an Independent Member of YASHK Executive Committee. We also sincerely thank Professor Henry N C WONG for his guidance and contributions to YASHK in the past few years.



Professor Tong YANG

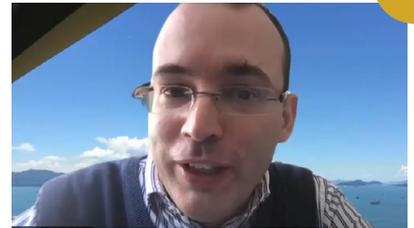
Ming Pao STEM Column

To promote and advance the teaching of science and technology, 6 YASHK Members wrote articles on different scientific topics for the student column page of Ming Pao from October 2022 to Jan 2023. The target audience was Primary 4 to Primary 6 local students.

 馬桂宜博士 香港青年科學院創院院士 香港青年科學院 X 明報《常識學堂》	 葉軒立教授 香港青年科學院院士 香港青年科學院 X 明報《常識學堂》	 陳慧賢博士 香港青年科學院院士 香港青年科學院 X 明報《常識學堂》	 何頌賢教授 香港青年科學院創院院士 香港青年科學院 X 明報《常識學堂》	 王聰教授 香港青年科學院創院院士 香港青年科學院 X 明報《常識學堂》	 劉特斌博士 香港青年科學院創院院士 香港青年科學院 X 明報《常識學堂》
Stephanie MA	Angus YIP	Esther CHAN	Johnny HO	Cong WANG	Denvid LAU

Joint Talk Series with HKAGE

Led by the Outreach Committee, the 3rd session of the Talk Series on Emerging Technologies: Science, Opportunities and Challenges, co-organised with The Hong Kong Academy for Gifted Education (HKAGE), was held on 26 November 2022. Titled "The Quantum Revolution: From Foundations To New Information Technologies", the session was given by YASHK Member Giulio CHIRIBELLA. The talk attracted an audience of 190 high school students and teachers.



Giulio CHIRIBELLA was the speaker of the 3rd Talk.

The 4th session of the Talk Series, titled "Chiral Drugs and Chiral Cosmetic Ingredients" was held on 3 December 2022. It was presented by YASHK Member Joelle Jun WANG. The talk saw 210 high school students and teachers participate.



Joelle Jun WANG was the speaker of the 4th Talk.

Hong Kong Symposium - Science for the Future

The Hong Kong Academy of Sciences and the Future Science Prize Foundation co-organised the "Hong Kong Symposium - Science for the Future" held on 23 October 2022. Future Science Prize laureates and other world-renowned scientists shared their latest discoveries and explored how science will shape the future of humanity. YASHK Member Fuk Yee KWONG was a panelist in the Physical Science Session.



Fuk Yee KWONG (right) was one of the panelists.



Hong Kong Symposium showcased and promoted Hong Kong's strength and influence as a global innovation and technology centre in the Guangdong-Hong Kong-Macao Greater Bay Area.

Hong Kong Innovation and Technology Development Blueprint

The Government promulgated the Hong Kong Innovation and Technology Development Blueprint on 22 December 2022 to establish a clear development path and formulate systematic strategic planning for Hong Kong's innovation and technology development over the next 5 to 10 years, charting Hong Kong in moving full steam towards the vision of an international I&T centre. ASHK and YASHK welcome the various measures and development directions.

Letter to Hong Kong

Anderson SHUM recorded "Letter to Hong Kong" (香港家書) for the Radio Television Hong Kong on 22 October 2022, in response to the policy proposals on science and innovation put forward in the Government's Policy Address.

Scan to read the Letter

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"Distinguished Master Accomplished Students" Mentorship Programme 2023

23 YASHK Members agreed to participate in the "Distinguished Master Accomplished Students" Mentorship Programme 2023 to serve as mentors for secondary 4 students. They are Timothy BONEBRAKE, Esther CHAN, Shih-Chi CHEN, Giulio CHIRIBELLA, Zhiyong FAN, Fuk Yee KWONG, Tommy LAM, Denvid LAU, Vic LAW, Danyuan LEI, Hua-Bai LI, Xuechen LI, Kathy LUI, Stephanie MA, Anderson SHUM, Jianwei SUN, Amos TAI, Feng WANG, Carmen WONG, Raymond WONG, Ni ZHAO, Zijian ZHENG and Chunyi ZHI.

The purpose of the Programme is to enhance Hong Kong students' exposure to current scientific and technological development and to nurture future talents through experience sharing and interaction with experienced professionals. Through the one-year mentorship, mentors will inspire students with real world experience and scientific knowledge at a personal level, providing advice to help students unleash and realise their potential.

Meeting the Scientists and Engineering Leaders

Carmen WONG was the speaker of the ASHK Programme "Meeting the Scientists and Engineering Leaders". She visited Pui Ching Middle School on 3 January, 2023, and shared some of her scientific research work and how she became a scientist in the talk.



23 YASHK Members will serve as mentors for S4 students.



Carmen WONG shared her experience to the students.

InnoTech Expo 2022

Anderson SHUM gave a talk on "From School to Research" in the InnoTech Expo 2022 on 14 December 2022. He was also one of the speakers at the main Forum of the InnoTech Expo 2022 on 17 December 2022. Stephanie MA was the moderator of the Forum.



YASHK Members Anderson SHUM and Stephanie MA joined the InnoTech Expo 2022 Forum on 17 December 2022.



InnoCarnival 2022

YASHK was invited to participate and provide support to InnoCarnival 2022. Two seminars were given by YASHK Members. The first one is titled "Challenges and Opportunities of Solar Power in Hong Kong" by Angus YIP. The second one is titled "Bioinspired vision sensors" by Yang CHAI.



Angus YIP and Yang CHAI were the speakers of InnoCarnival 2022 seminars.

Strive and Rise Programme

Invited by the Government, 6 YASHK Members including Johnny HO, Tommy LAM, Denvid LAU, Danyuan LEI and Chunyi ZHI served as the Mentors for the Strive and Rise Programme. Anderson SHUM joined as a Star Mentor. He will share his experience to 2800 S1-S3 students from underprivileged families.



Strive and Rise Programme Kick-Off Ceremony.

Masterminds, Masterclasses 2.0 Hong Kong Laureate Forum

To provide a platform to inspire our younger generation to pursue science in their study and career, the Hong Kong Laureate Forum organised a "Masterminds, Masterclasses 2.0" Programme and invited YASHK Members to be the moderators, speakers, guest hosts and advisors in the seminars and dialogue with young scientist sessions. 4 YASHK Members including Timothy BONEBRAKE, Stephanie MA, Amos TAI and Xiaoming YUAN attended, serving as the speakers and moderators.



Amos TAI (left) and Timothy BONEBRAKE (right) joined the Masterminds, Masterclasses 2.0.

I&T Forum in celebration of the 73rd anniversary of the Founding of the People's Republic of China

Anderson SHUM and Zijian ZHENG attended the Forum to celebrate the 73rd anniversary of the Founding of the People's Republic of China.



I&T Forum in celebration of the Founding of the People's Republic of China.

HKITJC Policy Address Consultation Session

Anderson SHUM attended the Policy Address Consultation Session on 1 November 2022 organized by the Hong Kong Information Technology Joint Council for the innovation and technology sector.



HKITJC Policy Address Consultation Session.

Seminar on Hong Kong I&T Development Blueprint

Co-organised by the Office of Duncan CHIU, LegCo Member (Technology & Innovation Constituency), The Greater Bay Area Association of Academicians, Hong Kong Information Technology Joint Council, Hong Kong Computer Society, Internet Professional Association and Beijing-Hong Kong Academic Exchange Centre, a seminar on Hong Kong Innovation and Technology Development Blueprint was held on 6 January 2023. Vic LAW and Anderson SHUM attended the seminar.



Vic LAW and Anderson SHUM attended the seminar on HK I&T Development Blueprint.

HKSTP "Talent Game On" event

Stephanie MA, Vice-President of YASHK attended HKSTP "Talent Game On" event and shared her thoughts on Hong Kong's talent policies.



Stephanie MA (middle) attended the HKSTP event.

HKSSPC 2023 Sharing session with Advisors

4 YASHK Members, including Tommy LAM, Denvind LAU, Kevin TSIA and Angus YIP were invited to participate in the "Sharing Session with Advisors" which was part of the Hong Kong Student Science Project Competition (HKSSPC) 2023 on 19 January 2023.

Town Hall Meeting series - I&T Development: Advanced Manufacturing

Anderson SHUM attended a sharing activity, titled "Town Hall Meeting series: I&T Development: Advanced Manufacturing" on 9 December 2022.



Anderson SHUM attended the Town Hall Meeting series.

HKYIC Inauguration Ceremony

Vic LAW and Anderson SHUM attended the Hong Kong Young Industrialists Council Inauguration Ceremony on 29 November 2022.

Global I&T Summit Express: Dialogue with the Younger Generation

The Innovation and Technology Commission organised the Global I&T Summit on 15 December 2022. Vic LAW, Stephanie MA and Anderson SHUM were invited to be speakers and shared their experience with the new generation during the "Dialogue with the Younger Generation" session, reinforcing the importance of local talent to join the R&D industry.



YASHK Founding Members Vic LAW, Stephanie MA and Anderson SHUM were invited by ITC to speak in the Global I&T Summit.



Introduction of YASHK Members

In order to raise public awareness of YASHK Members, one Member's introduction post has been released on YASHK Facebook and Instagram each week since September 2022.

 <p>Giulio CHIRIBELLA YASHK Member</p> <p>Professor Department of Computer Science The University of Hong Kong</p> <p>Research areas: • Quantum entanglement theory • Quantum networks • Information theoretic foundations of quantum mechanics</p> <p>— yashk.org.hk</p>	 <p>Johnny HO YASHK Founding Member</p> <p>Professor Department of Materials Science and Engineering City University of Hong Kong</p> <p>Research areas: • Micro-Scale Materials Processing • Nano-Electronics • Nano-Photonics • Nano-Materials based Energy-Harvesting and Sensing</p> <p>— yashk.org.hk</p>	 <p>Zhifeng HUANG YASHK Member</p> <p>Associate Professor Department of Chemistry The Chinese University of Hong Kong</p> <p>Research areas: • Organic nanoparticles coated by glowing single-deposition • Organic chiral nanoparticles for asymmetric catalysis, enantioselective separation, and circularly polarized luminescence • Surface-enhanced chiroptical spectroscopies • Stable, wearable optoelectronics • Biocompatible, subcellular nanomedicines for cell culture</p> <p>— yashk.org.hk</p>	 <p>Shih-Chi CHEN YASHK Member</p> <p>Professor Department of Mechanical and Automation Engineering The Chinese University of Hong Kong</p> <p>Research areas: • Precision Engineering • Optics • MEMS • Manufacturing</p> <p>— yashk.org.hk</p>	 <p>Mingxin HUANG YASHK Member</p> <p>Professor Department of Mechanical Engineering The University of Hong Kong</p> <p>Research areas: • Fundamentals of microstructure-property relationship and phase transformation of advanced steel and alloy • Development of lightweight materials for automotive applications</p> <p>— yashk.org.hk</p>
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Introduction of YASHK Members in YASHK Facebook and Instagram.

S.T.Yau High School Science Award (Asia) 2022

The Hong Kong Academy of Sciences (ASHK), Yau Mathematical Science Center of Tsinghua University and The Institute of Mathematical Sciences of The Chinese University of Hong Kong co-organised the S. T. Yau High School Science Award (Asia) (YHSA(Asia))2022. The oral defenses were held in October and November 2022. To highlight, YASHK Members served as Assessment Panel Chairs and Members, including Yilong HAN, Chun Kit KWOK, Hua-bai LI, Kathy LUI, Cong WANG, Feng WANG, Wang YAO, Xiaoming YUAN, Zijian ZHENG. ASHK held an online Science Talk: Serendipity in Science on 26 November 2022, as the flagship event of the YHSA(Asia) 2022. Stephanie MA was the moderator of the talk.



YHSA (Asia) 2022 Biology Oral Defense.



Stephanie MA was the moderator of the YHSA (Asia) 2022 Science Talk.

ASHK elected Prof. Dennis LO as New President

The Hong Kong Academy of Sciences (ASHK) has a new leadership following the election of Prof. Dennis LO to the position of President during its 7th Annual General Meeting on 29 November 2022. Prof. Ngaiming MOK and Prof. Tony MOK Shu Kam became the Vice-President and Honorary Secretary respectively. Other Members to the new ASHK Board of Directors are: Prof. Vivian W.W. YAM, Prof. Kwok-Yung YUEN, Prof. Anthony G.O. YEH, Prof. Che Ting CHAN, and Prof. Tong YANG. Founding President Prof. Lap-Chee TSUI has completed his term. YASHK expresses our gratitude to Prof. Lap-Chee TSUI for his tremendous leadership in the organisation's contribution to science and technological developments in Hong Kong, and for his efforts to build bridges between local scientists, researchers and the commercial and industrial sectors.



Prof. Dennis LO (right) is the new ASHK President.

YASHK WhatsApp Group

For better communication, a WhatsApp group for YASHK Members has been set up and a lot of Members who agreed to join the group earlier have been added into the group. If you wish to join the group, please notify the YASHK Secretariat.

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