

NEWSLETTER

September 2025 Issue



The 6th YASHK Members' Meeting and New Member Election on 13 September 2025

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The 6th YASHK Members' Meeting and New Member Election took place on 13 September 2025, with a total of 35 YASHK Members in attendance.

During the election, 12 new Members were elected and received endorsement by the ASHK Board of Directors.



Anderson SHUM presented an overview of YASHK's work and activities for the 2023-2025 period at the Members' Meeting.

The 6th YASHK Members' Meeting and New Member Election

The following new YASHK Members have been elected at the Election, with their membership commencing on 1 January 2026 until they reach the age of 50:



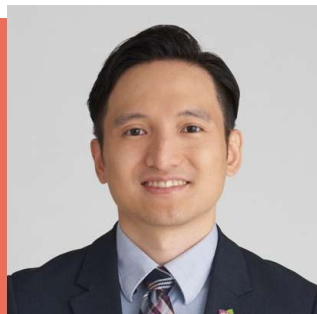
CHOW, Cheuk Lun

D: Architecture and Civil Engineering
I: CityUHK
R: Computational Fluid Dynamics



CHU, Zhiqin

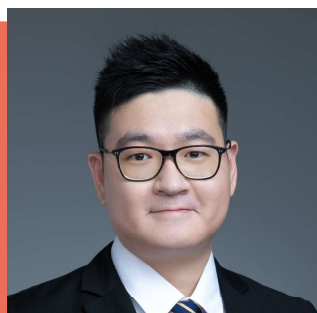
D: Electrical and Electronic Engineering
I: HKU
R: Quantum Technologies, Quantum Biosensing

**KO, Ho Owen**

D: Medicine and Therapeutics
I: CUHK
R: Neuroscience

**SHEN, Yajing**

D: Electronic & Computer Engineering
I: HKUST
R: Biomedical Robot and Device, Human-Robot Interaction, Robot Manipulation and Control

**TSO, Chi Yan Edwin**

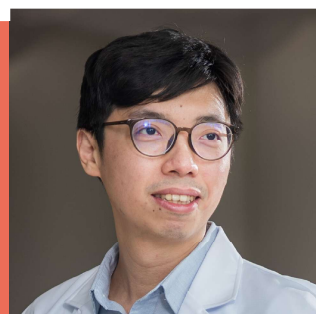
D: School of Energy and Environment
I: CityUHK
R: Adsorption Cooling/ Dehumidification Systems, Passive Radiative Cooling

**WANG, Jiguang**

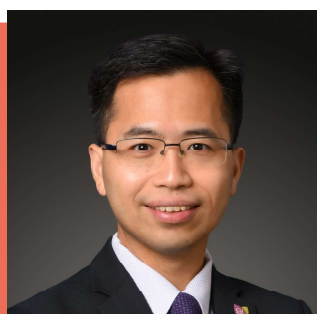
D: Life Science & Chemical and Biological Engineering
I: HKUST
R: Bioinformatics, Cancer genomics

**WANG, Yi**

D: Physics
I: HKUST
R: Cosmology, High energy physics

**WONG, Siu Lun Alan**

D: School of Biomedical Sciences
I: HKU
R: Genome engineering, CRISPR technology, Protein engineering, Synthetic biology

**YAM, Jason Cheuk Sing**

D: Ophthalmology and Visual Sciences
I: CUHK
R: Children Eye Studies, Myopia, Retinoblastoma

**ZHAO, Jiong**

D: Applied Physics
I: PolyU
R: Two-Dimensional Material, Transmission Electron Microscopy

**ZHAO, Xin**

D: Applied Biology and Chemical Technology
I: PolyU
R: Translational Regenerative Medicine

**ZHOU, Renjie**

D: Biomedical Engineering
I: CUHK
R: Biomedical Optical Imaging, Light Microscopy, Optics

* D: Department I: Institution R: Research Areas

The 5th Sub-Conference of the Young Academy of Sciences Summit (YASS)

The 5th Sub-Conference of the Young Academy of Sciences Summit (YASS) was successfully held at InnoCentre on 5 June 2025, with the theme focusing on "AI for Science and Engineering". This Sub-Conference provided a valuable platform for young scientists to exchange ideas and explore the applications of AI in science and engineering.

During the first session, Yuxuan DU, Junwei LIU, and Bo HAN discussed the role of AI in Fundamental Science, with Giulio CHIRIBELLA acting as moderator. The second session brought together experts Xingliang YUAN, Shiqi WANG, and Wanyu LIN to share perspectives on the Challenges and Risks in Trustworthy AI, under the moderation of Cong WANG. In the third session, Colin FONG, Hao SUN, and Cheuk Lun CHOW shared insights on AI in Construction, with Denvid LAU moderating the panel discussion.



The 5th Sub Conference of YASS



Giulio CHIRIBELLA delivered the welcome message.



Denvid LAU (1st from the left) moderated the 3rd session's panel discussion.

The 6th Sub-Conference of the Young Academy of Sciences Summit (YASS)

The 6th Sub-Conference of the Young Academy of Sciences Summit (YASS) was successfully held at InnoCentre on 4 Sept 2025, with the theme focusing on "Advanced Manufacturing and New Energy Technology Industries". This Sub-Conference offered young scientists an important opportunity to share ideas and delve into the fields of Advanced Manufacturing and New Energy Technology Industries.

In the first session, Steven WANG, Zhengbao YANG, Pingan ZHU, and Yuan MA explored Nature-inspired Manufacturing, with Zuankai WANG serving as the moderator. The second session featured experts Qi LIU, Jingjing LIU, and Aimin LI presenting their views on Technology & Material Evolution for Energy Storage, moderated by Chunyi ZHI. During the third session, Jean-Marie TARASCON, Jiadong GONG, and Guohua CHEN provided insights on the Future of Electrochemical Energy Storage, with Minhua SHAO leading the panel discussion.



The 6th Sub Conference of YASS



Chunyi ZHI (1st from the left) moderated the 2nd session's panel discussion.



Minhua SHAO (1st from the left) moderated the 3rd session's panel discussion.

“How To Start a Research Project” (HSRP) Workshop 2025

The 4th "How to Start a Research Project" Workshop, organised by YASHK, was launched in May 2025, with its 2 sessions of Scientists Sharing, 3 Lab Visits, 2 Competitions, and 1 Graduation Ceremony and Scientific Forum taking place in July and August.

HSRP Workshop 2025 - Scientists Sharing I

The HSRP Scientists Sharing I was held face-to-face on 5 July 2025, featuring YASHK President Anderson SHUM. He shared his scientific journey with mentees from the HSRP Workshop, DMAS Mentorship Programme, and Strive and Rise Programme, along with their parents.



Anderson SHUM shared his experience with students.

HSRP Workshop 2025 - Scientists Sharing II

The HSRP Scientists Sharing II was held online on 30 July 2025. ASHK Member Kwok-Yung YUEN and YASHK Member Tommy LAM shared their research experiences.



Kwok-Yung YUEN and Tommy LAM shared their experience with students.

HSRP Workshop 2025 - Lab Visit I

On 15 July 2025, YASHK hosted the first laboratory visit for the HSRP Workshop 2025 at the Materials Science Laboratory of the City University of Hong Kong. YASHK Member Angus YIP presented his advanced research and showcased laboratory equipment and findings.



Lab Visit at CityUHK MSE Lab

HSRP Workshop 2025 - Lab Visit II

Arranged by Anderson SHUM, YASHK conducted the second laboratory visit of the 2025 HSRP workshop at the Advanced Biomedical Instrumentation Centre on 7 August 2025. Guided by the centre's researchers, participants gained comprehensive insights into the latest research initiatives and technological advancements.



Lab Visit at ABIC

HSRP Workshop 2025 - Lab Visit III

Arranged by Xinge YU, YASHK held the third laboratory visit of the 2025 HSRP Workshop on 12 August 2025. Participants toured the Soft Bio-electronics Laboratory at City University of Hong Kong, learned more about researchers' projects, and gained hands-on experience with experimental models, fostering a deeper appreciation for scientific research.



Lab Visit at CityUHK Soft Bio-electronics Laboratory

HSRP Workshop 2025 - Graduation Ceremony and Forum

The HSRP 2025 Graduation Ceremony and Forum was successfully held on 22 August 2025. Lillian CHEONG, Under Secretary for Innovation, Technology and Industry, Vivian W.W. YAM, Denvind LAU, and Jonathan CHOI delivered speeches, judged for the HSRP Science Competition, presented awards and certificates to the winners and HSRP graduates. They also participated in the forum on "How to Equip Yourself to Become a Future Scientific Research Talent."



HSRP Workshop 2025 – Graduation Ceremony



"How to Equip Yourself to Become a Future Scientific Research Talent" Forum



Denvind LAU delivered the welcome message.



Lillian CHEONG presented the Certificate of Completion to HSRP Workshop 2025 graduates.

International Society for STEM Cell Research (ISSCR) 2025 Public Symposium

The Public Symposium: "Innovating the Future: The Power of Stem Cells in Medicine and Biotechnology" was held on 10 June. Kathryn CHEAH served as a co-chair of the symposium. Kathy LUI and Stephanie MA served as speaker of the event. ASHK is one of the supporting organisations for the symposium.



Stephanie MA was invited to serve as a speaker.



Kathryn CHEAH (6th from the right) was the co-chair of the symposium.



Kathy LUI (2nd from right) was invited to serve as a speaker.

Outreach Science Popularization Programmes - "Thematic Talk"

YASHK Member was invited by the ASHK Community Education Centre to give talk to local secondary school students, sharing insights into the newest advancements in science and technology.

On 4 July 2025, more than 50 students from Yan Chai Hospital Lim Por Yen Secondary School attended a talk by Johnny HO, who explained nanomaterials and their applications in electronics and renewable energy systems.



Johnny HO was the speaker of the "Thematic Talk" on 4 July 2025.

RTHK TV Program – "Vibrant Hong Kong"

Dennis LO was interviewed by RTHK TV program "Vibrant Hong Kong" to introduce the Future Science Prize Week 2025.

RTHK TV Program – "Hong Kong United"

Dennis LO, Co-Chair of the 2025 Future Science Prize Week Program Committee, and Leon MENG, Member of the 2025 Executive Committee of the Future Forum, were interviewed by RTHK TV program "Hong Kong United". They introduced a series of events centred around the 2025 Future Science Prize, starting in September. The events will invite over a hundred top scientists to Hong Kong, including four Nobel laureates and academicians from scientific academies around the world. Activities will include forums, lectures, exhibitions, and more, allowing the public to gain in-depth understanding of various scientific fields.



Dennis LO was interviewed by RTHK.

The International Science, Technology and Innovation Forum (ISTIF) of the Boao Forum for Asia 2025

Dennis LO and Anderson SHUM were invited to attend the International Science, Technology and Innovation Forum of Boao Forum for Asia 2025.



Dennis LO served as a speaker at the forum.



Anderson SHUM attended the forum.

Online meeting of the Network of Asia-Pacific Young Academies

Anderson SHUM participated in an online meeting of the Network of Asia-Pacific Young Academies. The meeting focused on the network's leadership structure, the importance of strengthening collaboration among members to boost its overall impact, and preparations for related initiatives.



Anderson SHUM participated in the online meeting.

The 4th Hong Kong Science Fair

Anderson SHUM led the mentees of DMAS Mentorship programme and HSRP workshop to visit the 4th Hong Kong Science Fair. The Hong Kong Academy of Sciences is a supporting organization for the fair.



Anderson SHUM attended the 4th Hong Kong Science Fair.



Anderson SHUM attended the NAYA meeting.

Meeting of National Young Academies from the Asia-Pacific region

Anderson SHUM attended the meeting of National Young Academies from the Asia-Pacific region, and signed the Declaration on the Launch of the Network of Asia-Pacific Young Academies (NAYA) on behalf of YASHK. He hopes the network will foster resource sharing, boost public trust in science and policy, and support early-career researcher collaboration in the region.

Wen Wei Po STEM Column

YASHK Members were invited to contribute articles to the STEM column page of Wen Wei Po. The articles aimed to share Members' scientific research projects and experiences with Secondary 4 to Secondary 6 local students.



Wen Wei Po STEM Column – Jun WANG

2025 Future Science Prize Week

The 2025 Future Science Prize Week will be held on 22 - 26 Oct as a 5-day event including the AI Walk & Talk, Science and Technology Forum, the Asian Young Scientist Fellowship Annual Conference, Science Symposium, the Future Science Prize Laureates' Dialogue with the Youth, and Awards Ceremony and Concert. The 2025 Future Science Prize Exhibition will also be held at the Hong Kong Science Museum from 30 Sept to 29 Oct, introducing the laureates and their research contributions and achievements.

The event schedule is as follows:

- Day 1 - AI Walk & Talk, Science and Technology Forum
- Day 2 - Asian Young Scientist Fellowship Annual Conference
- Day 3 - Science Symposium I (Chemistry Session, Life Science Session, Mathematics Session)
- Day 4 - Science Symposium II (Physical Science Session, Computer Science Session, The Future Science Prize 10th Anniversary Special Session)
- Day 5 - Future Science Prize Laureates' Dialogue with the Youth, Awards Ceremony & Concert

For more information about the event, please visit the official website at <https://www.futureprize-hk.org/>.



Future Science Prize Week events

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