



# NEWSLETTER

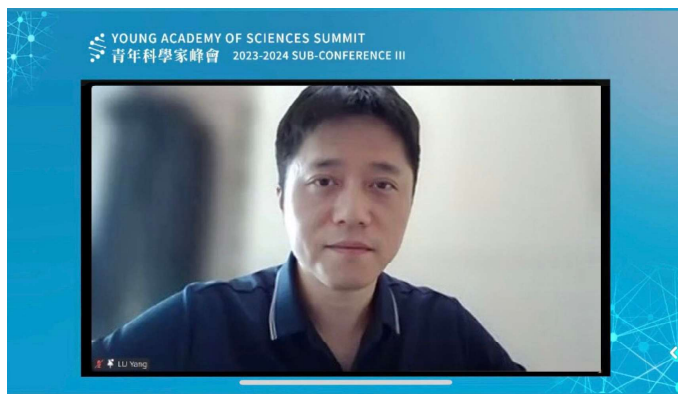


The 3rd Sub-Conference of Young Academy of Sciences Summit on 6 September 2024

## The 3rd Sub-Conference of Young Academy of Sciences Summit (YASS)

The 3rd Sub-Conference of the Young Academy of Science Summit (YASS) was successfully convened online on 6 September 2024, focused on the theme of "Advanced Manufacturing and New Energy Technology Industry". The Sub-Conference served as a platform for the exchange of ideas among young scientists with a focus on the applications of AI for Science and Engineering.

In the first session, Qi GE, Xu SONG, Hongze WANG, Yang XU discussed Mechanical Metamaterials by Advanced 3D Printing, with Yang LU serving as the moderator. The second session featured insight on Nature-Inspired Manufacturing from experts Wei WANG, Jianing WU, Xuyang WU, moderated by Wanghuai XU. Furthermore, Martin STOLTERFOHT, Chi-Yan Edwin TSO and Cheng WANG presented their innovative research on Next-Generation Energy Conversion and Efficiency Technologies, moderated by Angus YIP. Finally, Gang LI and Meng NI also contributed insights on Next-Generation Energy Conversion and Efficiency Technologies, moderated by Zijian ZHENG.



Yang LU delivered the Welcome Message.



Zijian ZHENG delivered the Opening Remarks.

## HSRP Workshop 2024 – Graduation Ceremony

The HSRP Workshop 2024 Graduation Ceremony was successfully held on 28 September 2024, with over 60 mentees and parents in attendance. Che Ting CHAN, Stephanie MA, Johnny HO, Denvid LAU and Carmen WONG were invited to the event. They delivered inspiring speeches to the audience, presented awards to the winners, and participated in the forum, titled "How to Equip Yourself to Become a Future Scientific Research Talent."



ASHK & YASHK Members participated in the forum.



Che Ting CHAN, Stephanie MA, Johnny HO, Denvid LAU and Carmen WONG were invited to the ceremony.

## HSRP Workshop 2024 – Scientists Sharing I

The Scientists Sharing I of the HSRP Workshop was successfully held on 20 July 2024. The sharing invited Chun Kit KWOK and Carmen WONG to share their own science journey with the mentees. Afterwards, they visited the ASHK Community Education Centre.

## HSRP Workshop 2024 – Scientists Sharing II

The HSRP Scientists Sharing II was held on 23 August 2024, attracting more than 100 secondary school students, including mentees from the HSRP Workshop and Strive and Rise Programme", along with their parents. Anderson SHUM and Denvid LAU shared their research experiences, providing insights into the intricacies of conducting a scientific research project.



Chun Kit KWOK and Carmen WONG were invited as speakers in Scientists Sharing I.



HSRP Mentees visited the ASHK Community Education Centre.



Anderson SHUM and Denvid LAU shared their insights during the sharing.



HSRP Workshop 2024 – Scientists Sharing II



## HSRP Workshop 2024 – Lab Visit I

On August 9, 2024, YASHK hosted the first Laboratory Visit for the HSRP Workshop, welcoming over 20 mentees to the Advanced Biomedical Instrumentation Centre. During the visit, four researchers engaged in in-depth discussions with the students, providing them with firsthand experience of high-tech applications in Hong Kong.



Lab Visit at ABIC

## HSRP Workshop 2024 – Lab Visit II

The second Lab Visit was held on 21 August 2024, providing HSRP mentees with a unique opportunity to explore the Standards and Calibration Laboratory under Innovation and Technology Commission. This visit offered them insights into the lab's operations and advanced technologies.



HSRP mentees explored lab equipments.



Lab Visit at SCL



Researchers explained to HSRP mentees about the research work in SCL.

## “Meeting the Scientists”

YASHK Members were invited by the ASHK Community Education Centre to deliver talks to local secondary school students, sharing their inspiring journeys on becoming successful scientists. On 28 June 2024, over 260 students from the Hong Kong Chinese Women's Club Fung Yiu King Memorial Secondary School listened to Tommy LAM's story. Kevin TSIA addressed the students at St. Rose of Lima's College students on 12 July 2024, engaging them with his experiences and insights.



Tommy Lam and Kevin TSIA shared their story with the students.



# Policy Address 2024

YASHK submitted a proposal for the HKSAR Government Policy Address 2024.

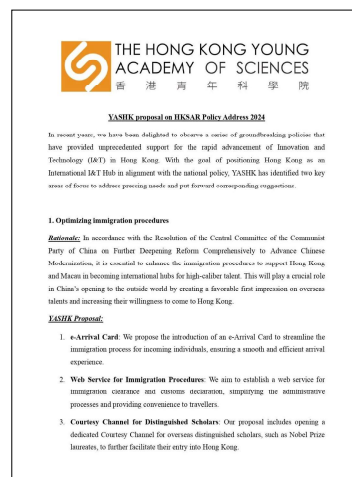
## RGC Research Fellow Schemes

2 YASHK Members including Anderson SHUM and Ni ZHAO were awarded the title of RGC Senior Research Fellow.

5 YASHK Members including Jasper CHAN, Chun-Kit KWOK, Kai LIU, Xinhui LU and Carmen WONG received the title of RGC Research Fellow

## RTHK Podcasts – “Infinite Future”

8 ASHK and YASHK Members including Tony MOK, Anderson SHUM, Amos TAI, Denvid LAU, Kathy LUI, Tommy LAM, Jensen LI, and Angus YIP were invited to participate in the RTHK Podcast "Infinite Future", where they shared insights into their research and its implications for the future.



YASHK Proposal for the Policy Address



RTHK Podcasts - (from the left) Tony MOK, Anderson SHUM, Amos TAI, Denvid LAU



RTHK Podcasts - (from the left) Kathy LUI, Tommy LAM, Jensen LI and Angus YIP

## RTHK Podcasts – “Under the Sun”

Denvid LAU and Angus YIP were invited to participate in the RTHK Podcast “Under the Sun”, where they shared their expertise and the latest findings from their research.



RTHK Podcasts - (from the left) Denvid LAU and Angus YIP



## Wen Wei Po Interview

Amos TAI and Stephanie MA were interviewed by Wen Wei Po, where Amos discussed his insights on the development of science in Hong Kong, and Stephanie shared her experiences and findings from her cancer research.



Amos TAI and Stephanie MA were interviewed by Wen Wei Po.



## HOY TV Program

Denvind LAU and Zijian ZHENG were featured in an interview on the HOY TV Program. Denvind concentrated on the topic of Artificial Intelligence. Zijian explored the Research, Academic and Industry Sectors One-plus Scheme (RAISe+), emphasizing its achievements and future potential.



Denvind LAU and Zijian ZHENG were interviewed by the HOY TV interview.



## HKAGE's Partners Appreciation Ceremony

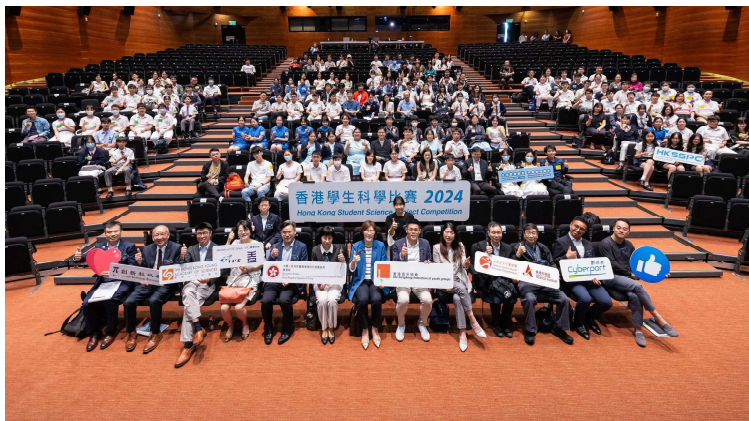
Denvind LAU was invited to the HKAGE's Partners Appreciation Ceremony. Since 2019, HKAGE has been a significant partner of YASHK.

## Hong Kong Student Science Project Competition

Jasper CHAN served as a judge in the first round of the HKSSPC and Anderson SHUM was the judge in the final round and an award presenter in the award ceremony.



YASHK was honored with a certificate of appreciation at the ceremony.



Jasper CHAN and Anderson SHUM took part in the HKSSPC.



## Celebration of the 75th Anniversary of the Founding of the People's Republic of China Banquet

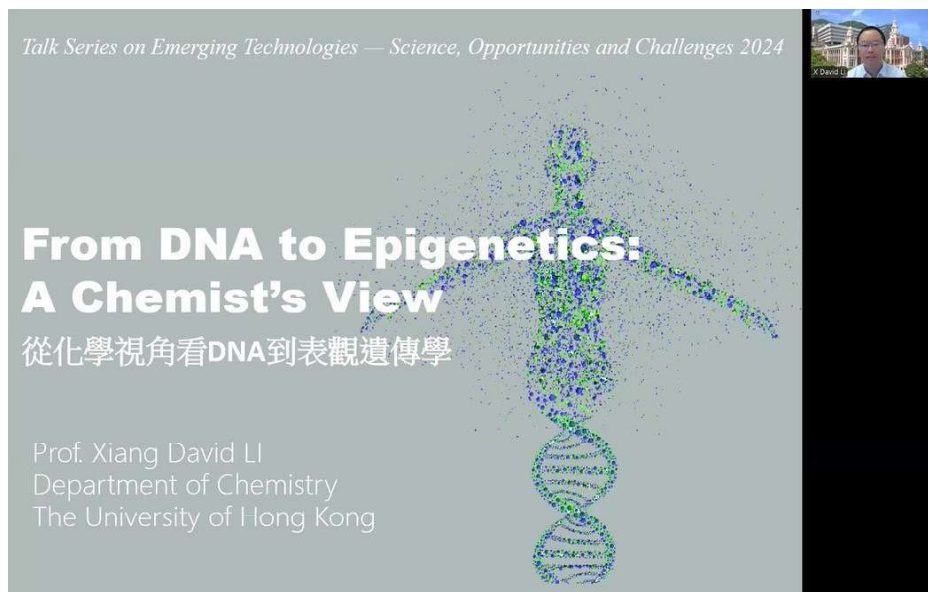
Yang CHAI, Johnny HO, and Denvid LAU attended the grand banquet celebrating the 75th Anniversary of the Founding of the People's Republic of China on 27 September 2024. They gathered with industry professionals to exchange insights and drive development in the I&T industry.

## Joint Talk Series with HKAGE

David LI was invited to be the speaker of Joint Talk Series on 17 August 2024. The topic of his talk was "From DNA to Epigenetics: A Chemist's View."



(From left to right) Denvid LAU, Johnny HO, and Yang CHAI attended the banquet.



David LI delivered a speech on HKAGE Joint Talk Series.

## The 57th Joint School Science Exhibition

Anderson SHUM attended the 57th Joint School Science Exhibition, supporting and encouraging secondary school students to participate.

## The 4th Macao Joint School Science Exhibition

The 4th Macao Joint School Science Exhibition, organized by the YASHK in collaboration with the Macao Joint School Science Exhibition Preparation Committee, has successfully concluded. Stephanine MA attended both the Opening and Closing Ceremonies.



Stephanine MA attended both the Opening and Closing Ceremonies.



Anderson SHUM encouraged students to share their scientific knowledge, fostering a culture of collaboration and discovery.

## The 2nd Summit of YASS

The 2nd Summit of YASS is scheduled to take place on 13 Dec 2024 (Friday) at the Charles K. Kao Auditorium, Hong Kong Science Park. Please save the date!

## 2024 Future Science Prize Week

The 2024 Future Science Prize Week will be held on 30 Oct - 3 Nov as a 5-day event including the Science and Technology Forum, the Asian Young Scientist Fellowship Annual Conference, Science Symposium, the Future Science Prize Laureates' Dialogue with the Youth, and Award Ceremony.

The 2024 Future Science Prize Exhibition will also be held at the Hong Kong Science Museum from 4 Oct to 4 Nov, introducing the Hong Kong laureates and their research contributions and achievements.

The event schedule is as follows:

- Day 1 - Science and Technology Forum
- Day 2 - Asian Young Scientist Fellowship Annual Conference
- Day 3 - Science Symposium I (Chemistry Session, Life Science Session)
- Day 4 - Science Symposium II (Physical Science Session, Mathematics Session, Computer Science Session)
- Day 5 - Future Science Prize Laureates' Dialogue with the Youth & Award Ceremony

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

YASHK Members Jinyao TANG has been invited to be a guest speaker at Symposium I (Life Science Session) on 1 November 2024.

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The 2nd Summit of YASS



Future Science Prize Week events

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