

Hong Kong Academy of Sciences Elects Four New Members

The Hong Kong Academy of Sciences (ASHK) held its eighth annual general meeting today (28 November) and elected four new Members, namely **Professor LUK Kam Biu** (陸錦標), **Professor ZHAO Guo Chun** (趙國春), **Professor TENG Jin Guang** (滕錦光) and **Professor YU Jun** (于君). Professor Dennis Yuk Ming LO, President of ASHK, congratulated the four newly elected Members who are highly renowned experts in their respective fields of science. Professor LO said he hoped that ASHK could combine the strengths and connections of its Members to contribute to the country and society by further promoting Hong Kong's scientific achievements at various levels as well as the popularisation of general science education.

Professor LUK Kam Biu is an internationally renowned particle physicist. He co-led the Daya Bay Reactor Neutrino Experiment, which contributed to the discovery of a new type of neutrino oscillation, opening the door for new physics beyond the Standard Model of particle physics and holding the key to understanding the matter-antimatter asymmetry in the universe. Professor LUK was awarded the 2014 W.K.H. Panofsky Prize in Experimental Particle Physics and the 2019 Future Science Prize in Physical Sciences.

Professor ZHAO Guo Chun is an internationally renowned geologist whose main research areas are metamorphic petrology, Precambrian geology and supercontinents. He has published more than 320 scientific papers and received numerous honours and awards, including the 2018 World Academy of Sciences (TWAS) Award, and was elected as a fellow of TWAS for the Advancement of Science in Developing Countries in 2021.

Professor TENG Jin Guang is an accomplished and distinguished scholar in the field of structural engineering. His main research areas include the structural application of fibre-reinforced polymer composites in construction and steel structures. Professor TENG has authored books and more than 200 SCI journal papers, and his remarkable achievements have been recognised by top researchers around the world.

Professor YU Jun specialises in gastrointestinal oncology. She has made significant contributions over the years in the areas of gastrointestinal cancers related to the genomic and epigenomic molecular mechanisms, gut microbiota and fatty liver disease, as well as basic and translational research in cancer biomarkers and cancer therapy. Professor YU is also the first Asian to receive the American Gastroenterology Association Council Oncology Research Mentor Award.

About the new ASHK Members

Professor LUK Kam Biu is a world-renowned particle physicist and is currently Chair Professor of the Hong Kong University of Science (HKUST) and Technology Jockey Club Institute for Advanced Study and HKUST's Department of Physics. As the co-leader of the Daya Bay Reactor Neutrino experiment, Prof. LUK was awarded the 2014 W.K.H. Panofsky Prize in Experimental Particle Physics from the American Physical Society, the 2016 Breakthrough Prize in Fundamental Physics, and was elected a Member of the American Academy of Arts and Sciences in 2019, and was awarded the Future Science Prize in Physical Sciences. Prof. Luk is also a Fellow of the American Physical Society.



Professor ZHAO Guo Chun is an internationally renowned geologist, currently Chair Professor of the Department of Earth Sciences at the University of Hong Kong and Changjiang Scholar Professor in the Department of Geology at Northwest University (Xi'an). His main research areas are metamorphic petrology, Precambrian geology and supercontinents. His major research achievements include the discovery of two 1.95-1.85 billion year old continental collision belts in North China, the recognition of global-scale 2.0-1.8 Ga collision events leading to the assembly of a supercontinent, and a new reconstruction of East Asian continental blocks in Pangea.



Prof. ZHAO has received many awards, prizes and honours, including election as a Fellow of the Geological Society of America in 2014, the 29th Khwarizmi International Award (First Class) in 2016, The World Academy of Science (TWAS) Prize in 2018, and was elected as Fellow of TWAS for the Advancement of Science in Developing Countries in 2021.

Professor TENG Jin Guang is an accomplished and distinguished scholar in the field of structural engineering. He is currently the President of the Hong Kong Polytechnic University (PolyU). He works on the structural application of fibre-reinforced polymer composites in construction and steel structures. His publications have been widely cited by researchers worldwide, and many of his research results have been incorporated into relevant design codes or guidelines in China, Australia, Europe, the United Kingdom and the United States.



Prof. TENG's outstanding academic achievements have earned him numerous accolades both at home and abroad. He was elected as a Member of the Chinese Academy of Sciences in 2017, and was also elected as a Corresponding Fellow of the Royal Society of Edinburgh in 2015. He also received the Distinguished Young Scholar Award from the National Natural Science Foundation of China in 2004, and the State Natural Science Award of China (Second Class) in 2013.

Professor YU Jun specialises in gastrointestinal oncology and is currently the Director of the Institute of Digestive Disease, the State Key Laboratory of Digestive Disease and the Research Laboratory of the Institute of Digestive Disease. Over the years, she has been responsible for new findings on gastrointestinal cancers related to the genomic and epigenomic molecular mechanisms and gut microbiota, as well as basic and translational research on cancer biomarkers and cancer therapy.



Prof. YU was the first Asian and the first woman outside the US to receive the American Gastroenterology Association Council Oncology Research Mentor Award in 2017. In 2019, she was ranked among the Top 10 People in Global Gut Microbiome Research. In 2021, she received the Chinese Medical Women Association (CMWA) Wuzhou Women Science & Technology Award – Research Innovation Award for Preclinical Medicine. She was elected as the “2022 Best Female Scientists”, ranking in the Top 3 nationally. Prof. YU was also elected as a Foreign Member of the Academia Europaea in 2023.

About The Hong Kong Academy of Sciences (ASHK)

The Hong Kong Academy of Sciences (ASHK) was established by a group of most distinguished scientists in Hong Kong in 2015 to promote the development and advancement of science and technology in Hong Kong, and to raise Hong Kong's profile as a centre of scientific excellence.

The Academy brings together leading scientists in Hong Kong as well as from overseas who have contributed significantly to promoting science and technology in Hong Kong. With the vision that “The Academy thrives to provide leadership in developing Hong Kong as a centre of scientific and technology excellence”, the Academy and all its Members have worked unceasingly for the mission that “The Academy promotes the development and advancement of science and technology in Hong Kong and informs the public on relevant issues.

To recognise the indispensable contribution of young scientists in Hong Kong and to leverage their enthusiasm for promoting science and technology, the Academy set up the Hong Kong Young Academy of Sciences (YASHK) as an autonomous chapter in 2019.

The Hong Kong Academy of Sciences official website: <http://www.ashk.org.hk/>

The Hong Kong Academy of Sciences Facebook: [The Hong Kong Academy of Sciences](#)

The Hong Kong Young Academy of Sciences official website: <https://yashk.org.hk/>

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