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国台学术报告 NAOC COLLOQUIUM

2023 年第 7 次 / No. 7 2023

Time: **Wednesday, 2:30 PM, Apr.19th, 2023**

Location: **A601, NAOC & Live Streaming**

Reaching Out to the Future: Astronomy Outreach

Prof. Wing-Huen Ip / 叶永烜 院士

(Institute of Astronomy, National Central University, Taiwan)



Prof. Wing Ip was born in Nanjing, China in 1947, and grew up in Macau. After his college education at the Chinese University of Hong Kong, he went to the University of California at San Diego (UCSD), for his Ph.D study in 1974. He is the Professor in Astronomy and Space Sciences at the National Central University, Tai-wan, the Executive Director of ISSI-BJ, and the Chair of the Taiwan Space Union. He has participated in several major planetary missions including Giotto to Comet Halley, Galileo to Jupiter, Cassini to Saturn and Titan, Mars Express and Rosetta. Prof. Ip was awarded the National Chair Professor (Taiwan), Academi-cian, Academia Sinica, AGU Fellow, NASA Exceptional Public Service Medal, AOGS Axford Medal, Honorary Doctoral Degree (MUST), AAS/DPS Kuiper Prize, TWAS Award on Earth, Astronomy and Space Science, CAS/COSPAR JeouJang Jaw Award, Tai-wan Physical Society Special Service Award.

Abstract

As a matter of happenstance, I started a number of projects related to science education and social service at the beginning of 2020. Because of COVID-19, a large part of the activities could only be carried out in lieu of in-person meetings. Even so, we have been able to construct a program of K-12 astronomy education called “Astronomy Ed-ucation for All (AE4ALL)” taking advantage of online communication techniques. This is particularly useful because some of our projects were designed to narrow the urban-rural gap in educational resources in Taiwan. These include the organization of online lecture series on introductory astronomy for high school students, summer or winter schools for middle school teachers, and astronomy carnivals in cities without major astronomical museum, etc. Besides the urban-rural gap, we also paid attention to the gender gap in science and engineering. As a consequence, a couple of webinar series composed of invited talks by outstanding woman researchers have been estab-lished with one of them specialized in astronomy and space science. It will be very interesting and exciting if some of these projects can be adapted to mainland China with the help of NAOC. We welcome very much suggestions and cooperative opportunities.



All are welcome ! Live Streaming QR Code

