

## Report on the Visit to Malaysia and Singapore

From July 29 to August 7, 2024, Prof. Dr. Chen Haoyong, Fellow of AETDEW and Professor of the School of Electric Power Engineering, South China University of Technology, led a delegation to visit UTAR (Universiti Tunku Abdul Rahman), Malaysia; Nanyang Technological University, Singapore, and other related institutions.

Under the arrangement of Dato Lee Yee Cheong, the delegation first attended the ENTICE, a high-level science and technology event jointly organized by the Ministry of Science, Technology and Innovation (<https://www.mosti.gov.my/>) and the Malaysian Board of Technologists (MBOT, <https://www.mosti.gov.my/>) in the morning of July 30th. The MBOT is an agency directly under the Ministry of Science, Technology and Innovation and is responsible for the assessment and recognition of technical and skilled personnel in Malaysia.



YAB Tan Sri Datuk Patinggi (Dr) Abang Haji Abdul Rahman Zohari Tun Abang Haji Openg, Premier of Sarawak and YB Tuan Chang Lih Kang, Minister of Science, Technology and Innovation participated in the meeting and delivered keynote speeches. The delegation was briefed on the Engineers Council of Malaysia Annual Report 2024, the current status and needs of technology development in Malaysia, and the new energy industry development plan for Sarawak. In addition, Prof. Chen Haoyong established contact with Ms. Cheong Xue Mei, the Private Secretary to the Minister of Science, Technology and Innovation.



In the afternoon of July 30, the delegation visited the Institution of Engineers, Malaysia (IEM, <https://www.myiem.org.my/>) and had a meeting with the President, Ir. Prof. Dr. Jeffrey Chiang Choong Luin and the Deputy Secretary General, Ir. Dr. Tan Chee Fai. The Institution of Engineers, Malaysia (IEM) was established in 1959 and its primary function is to promote and advance the science and profession of engineering in any or all of its disciplines and to facilitate the exchange of information and ideas related to engineering. Prof. Chen Haoyong and others discussed with President Jeffrey Chiang Choong Luin and Deputy Secretary General Tan Chee Fai about their future cooperation plans and exchanged gifts.



On July 31, the delegation visited Sungai Long Campus of UTAR (Universiti Tunku Abdul Rahman, <https://www.utar.edu.my/>). First, Dr. Lai Soon Onn, Director of Division of Community and International Networking and Ir. Dr. Chang Yoong Choon, Head of the Department of Electrical and Electronic Engineering gave a basic introduction of UTAR to the delegation. UTAR is a research university founded in 2002 by Malaysian Chinese Association (MCA), Malaysia's largest Chinese political party, and named after the first Malaysian Prime Minister, Tunku Abdul Rahman. After over 20 years of rapid development, UTAR has gained an international popularity and influence, and has been accredited by the Ministry of Education of China's educational foreign affairs supervision information network (<https://jsj.moe.gov.cn/>). UTAR's open vision and wide range of international partnerships blending Eastern and Western cultures are very impressive.



Afterwards, Prof. Chen Haoyong was interviewed by Sin Chew Daily's senior feature reporter Leang Fei Ying, who introduced the current development of green energy technology in China and gave his insights on issues related to China-Malaysia clean energy cooperation. The Sin Chew Daily, part of the Sin Chew Media Group (headquartered in Kuala Lumpur), is the Chinese newspaper with the largest circulation and the most influence in Malaysia. The newspaper is known for its extensive news coverage, in-depth analysis, and focus on Malaysian and international events.

After having lunch with several faculty members of UTAR, the delegation visited the library in the afternoon and continued the discussion with some faculty members of UTAR. Prof. Chen

Haoyong introduced the development history and scientific research achievements of the research team of "New Energy Power System" led by him, and discussed the possible future cooperation with the relevant team of UTAR in the fields of new energy and green building.

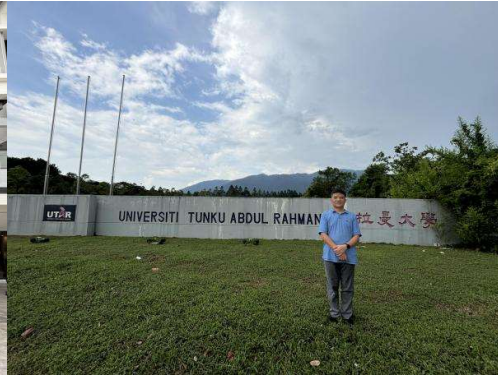


On August 1, at the invitation of AETDEW Fellow Mr. Louis Tay Chee Siong, CEO of PLYTEC Holding Berhad (PLYTEC), Prof. Chen Haoyong and others participated in the meeting with Malaysian Service Providers Confederation (MSPC, <https://mspc.my/>), Vice President of AETDEW Mr. Ir. Ts. Choo Kok Beng, and President of MSPC (former Minister of Transport of Malaysia) Dato' Sri Zohari Akob, Secretary General of MSPC (member of MBOT Board of Directors) Mr. Ts. Ir. Yam Teong Sian, and three faculty members from Beijing Technology and Business University (BTBU) also participated in the meeting. After the meeting, AETDEW President Dato Lee Yee Cheong hosted a banquet at Malaysia Petroleum Club (42 floor Petronas Twin Towers).



On August 2, Prof. Chen Haoyong visited UTAR Kampar Campus. UTAR Kampar Campus is 200 kilometers away from Sungei Long Campus, and can be reached by car or public transportation (bus or train). Prof. Chen was received by Deputy Director Dr. Chen I-Chi and Ms. Yee Kai Ling from the Division of Community and International Networking, who work at Kampar Campus. They took Prof. Chen on a tour of Dewan Tun Dr. Ling Liong Sik, The bronze sculptures of Confucius and Einstein, the Library, the Heritage Hall, the Faculty of Engineering and Green Technology, and the UTAR Hospital. The East-meets-West culture of UTAR is evident here. Particularly impressive is the sculpture of Einstein and Confucius playing chess against each other, which is the pride of UTAR. UTAR Hospital is a large and well-equipped hospital that can provide treatment in Western, Chinese and Indian medicine at the same time. Mr. Huang Yixiang, one of the students of Director Chen I-Chi, led Prof. Chen to visit the hospital and gave a detailed introduction.





As there was no official visit scheduled for August 3, Prof. Chen Haoyong visited the Malaysian Chinese Museum (<https://malaysianchinesemuseum.wordpress.com/>) and the Putra Mosque (Masjid Putra, <http://www.masjidputra.gov.my/ms/>). The Malaysian Chinese Museum, founded by The Federation of Chinese Associations Malaysia, chronicles the arduous struggles of the Chinese forefathers in Malaysia from crossing the ocean to taking root. Malaysia has retained the most complete Chinese education system other than that of Greater China, covering all levels from kindergarten, elementary school, secondary school to tertiary education. Through the perseverance and hard work of the Chinese community, Chinese education has been passed down from generation to generation and occupies an important position in Malaysia's multicultural system. At the Putra Mosque, Prof. Chen Haoyong learned some basic knowledge about Islam in preparation for AETDEW's proposed Islamic Maritime Silk Road project, which will have Guangzhou as the main hub city in China.



On August 4, Prof. Chen Haoyong and others took a bus from Kuala Lumpur to Johor Bahru, and crossed the border into Singapore after a short visit to Johor Bahru. Johor Bahru is the capital of Johor state, and an important part of the Iskandar Malaysia (IM), a large-scale regional economic development program launched by the Malaysian government in 2006. IM is located in the southernmost part of Malaysia, just across the river from Singapore, and has a significant geographical advantage, which has been called the "Shenzhen of Malaysia". Prof. Chen and others made a short stopover at the Iskandar Puteri City Council (MBIP, <https://mbip.gov.my/en/>) to get some general information. Afterwards, Prof. Chen and others took a bus to cross the bridge to Singapore (Woodlands Checkpoint) via Johor Bahru Checkpoint.



On August 5, Prof. Chen Haoyong led a delegation to visit Nanyang Technological University (NTU) in Singapore. Nanyang Technological University (NTU) and South China University of Technology (SCUT) have a deep relationship. On November 6, 2015, on the occasion of the 25th anniversary of the establishment of diplomatic relations between China and Singapore, at the invitation of the President of the Republic of Singapore, Mr. Tony Tan Keng Yam, President Xi Jinping, the President of the People's Republic of China, paid a state visit to Singapore. As one of the highlights of the state visit, the China-Singapore International Joint Research Institute (<https://www.csijri.com/en/index.html>), jointly established by SCUT and NTU, the Administrative Committee of the China-Singapore Guangzhou Knowledge City, and the China-Singapore Guangzhou Knowledge City Investment & Development Co., Ltd, signed a cooperation agreement on Nov. 7, at the Singapore Presidential Palace, under the presence of President Xi Jinping and Prime Minister Lee Hsien Loong of Singapore ([https://mp.weixin.qq.com/s/4\\_IDi1pWMM0S7I6bA0D6DA](https://mp.weixin.qq.com/s/4_IDi1pWMM0S7I6bA0D6DA)). The delegation visited the Nanyang Technological University (NTU) campus, exchanged views with the School of Electrical & Electronic Engineering, and learned about the research progress of the Joint Laboratory set up by the Singapore Power Group (SP) and NTU. Afterwards, some members of the delegation visited the National University of Singapore (NUS). Mr. Chen Jianrun, a PhD student of Prof. Chen, who is visiting and exchanging with NUS, led the delegation members to visit the NUS campus, NUS College of Design and Engineering and the Power Electronics Laboratory.





On August 6, Prof. Chen Haoyong and others visited the Antai Asia-Pacific Center of Shanghai Jiao Tong University ( ) to discuss the possibility of cooperation. Since Prof. Chen graduated from Xi'an Jiaotong University, which has the same root as SJTU, and the alumni all belong to the same alumni association (Jiao Tong University Alumni Association, JTUAA) and share the same university anniversary (April 8), it is very cordial to meet each other in a foreign country, and they may cooperate with to expand their business in Southeast Asia in the future.

