

Research Grants Council (RGC) Public Lecturers on STEM - High-Performance Antennas for Wireless Communications

Date:	9 Oct 2021 (Saturday)
Time:	2:30p.m. – 3:30p.m.
Venue:	Lecture Hall, 1/F, Hong Kong Science Museum
Speaker:	Prof C H Chan, Chair Professor of the Department of Electrical Engineering and the Director of State Key Laboratory of Terahertz and Millimeter Waves (SKLTMW), CityU
Admission:	Free (while seats are available on a first-come, first-served basis)
Live Broadcasting Link:	<a href="https://hk.science.museum/en_US/web/scm/pp/sl/rgcpls.html">https://hk.science.museum/en_US/web/scm/pp/sl/rgcpls.html</a>
Abstract:	High-performance antennas are widely used in wireless communication. The antenna research team of the SKLTMW of CityU has made significant contributions to the development of antennas for modern wireless communications, especially in bandwidth broadening techniques, transparent antennas, magneto-electric dipoles, etc. Their Beidou antennas for mobile terminals contributed to the rescue mission in the 2008 Wenchuan earthquake. Some other inventions can be found in the 5G base-station and smart phones. The team is now engaging in the research of on-chip antennas, beam steering devices and active phased array for 6G wireless communications.