



國立成功大學 太空與電漿科學研究所
Institute of Space and Plasma Sciences, NCKU

Vision 2030 — enabling UAV shipping, real-time satellite imaging, and self-driving cars

王毓駒 董事長 / 執行長
創未來科技有限公司

演講地點：綜合大樓 2 樓 48218 教室

演講日期：4 月 7 日(四) 14:10 pm

Abstract

Phased array technologies have evolved into a stage where many applications can be fulfilled using hardware with much lower cost, smaller size, and higher portability. This would enable various exciting applications such as UAV shipping, real-time satellite imaging, and self-driving cars, in the few years to come. In this talk, progresses in various phased-array-based applications in Tron Future Tech will be introduced, including portable drone surveillance radars, satellite imaging radar, satellite communication with automobiles, and their potential of enabling the aforementioned applications in smart cities will be explained. However, these developments and prospects also raise many challenges in both science and engineering. Potential challenges are highly desirable to be addressed for the realization of a 2030 vision and further developments.

歡迎大家踴躍參加!