



國立中央大學太空科學與工程學系
*Department of Space Science and Engineering,
National Central University*

專題演講

Performance of the Hawkeye Ocean Color Instrument on the Seahawk Satellite

Speaker : **Alan Holmes**

(President, Cloudland Instruments Inc.)

Time : 112 年 6 月 19 日 星期一 14:00-16:00

Place : 健雄館(科四館) S4-917 教室

摘要/Abstract :

The Seahawk CubeSat satellite was launched into orbit in December 2018, and since then the Hawkeye ocean color instrument on board has collected over 5000 images of the earth's ocean. This seminar presents a summary of the mission, including example images from space, Hawkeye design and calibration details, optical performance challenges, and orbital operation. Hawkeye is a 1U sized sensor weighing only 1 kilogram, but its performance rivals much larger instruments such as MODIS Aqua. Dr. Alan Holmes, the president of Cloudland Instruments, will be presenting. Previously he was the systems engineer on SeaWiFS, another ocean color satellite, and the president of Santa Barbara Instrument Group (SBIG), a company specializing in low light level CCD cameras for astronomy.

※歡迎聽講※

~請聽講者提早入座~