



SEMINAR 專題演講



國立中央大學 太空科學與工程學系

Department of Space Science and Engineering, National Central University

Time

Tuesday, September 9,
2025

14:00 – 15:00

Infrasound and its surroundings: 30 year story of my research

Masa-yuki Yamamoto
Kochi University of Technology

Place

健雄館 (科四館)

S4-917 教室

Room S4-917,

Chien-Shiung Building

In this talk, I'd like to introduce mainly for infrasonic waves and researches around this issue, including disaster mitigation process to be operated with the technologies. Through the atmosphere every geophysical event is connected with each other, namely, infrasound as well as atmospheric gravity waves can tell us significant information about such phenomena. By using infrasound sensors on ground as well as those aboard balloons and sounding rockets, multiple-site observation of atmospheric pressure waves can be realized in 3D space and time. As propagation process and energy transportation in the atmosphere up to lower thermosphere are too complicated to understand properly, investigation with atmospheric sounding method is thought to be very important. Accompanied issues in my research history are also to be briefly shown especially for NCU young researchers and students with a brief talk by one of my students, attending with me.

Profile:

https://www.kochi-tech.ac.jp/english/admission/ssp/past_data/prof-yamamoto-masa-yuki.html