

A Short Course on Cloud Microphysics and Radar Observations

There are still large gaps in the understanding of fine-scale cloud microphysics such as cloud and precipitation particle initiation and growth processes. This short course aims to provide opportunities to learn state-of-the-art remote sensing observations and its applications to solve the fundamental gaps in cloud microphysics. Course participants will learn:

- Basic mechanisms of cloud/precipitation particle initiation and growth
- Cutting-edge cloud remote sensing instruments and measurements
- Synthesis of remote sensing observation and model simulation to improve the understanding cloud microphysics

Location: National Institute of Meteorological Sciences,
33 Seohobuk-ro, Seoho-dong, Seogwipo-si, Jeju-do, South Korea

Date: July 20, 2024 (Saturday). The day after the ICCP conference

Time: 9:00 am - 5:30 pm Local time

Fee: 15,000 KRW for lunch. Payment of the fee in cash will be mandatory on the day. For Korean participants Kakaopay is also available.

Tentative Schedule:

9:00 am - 10:30 am: Cloud microphysical processes 101

10:30 am - noon: Cloud remote sensing observations 101

Noon - 1:00 pm: Lunch break

1:00 pm - 1:30 pm: Warm cloud investigation: Model and Observation

2:30 pm - 4:00 pm: Cold cloud investigation: Model and Observation

4:00 pm - 5:00 pm: Advanced cloud observational technique

5:00 pm - 5:30 pm: Discussions

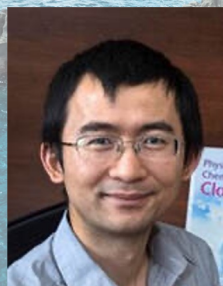
Application: <https://forms.gle/eqBErJo6QHdaMxzGA> or
Deadline: May 30, 2024



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