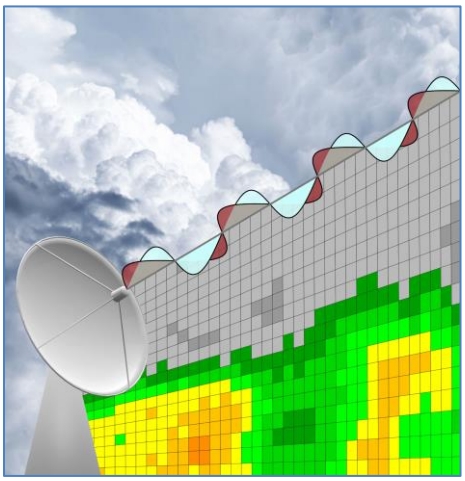
ICCP short course on dual polarization radar and cloud microphysical processes



Date: August 07, 2021 at 1430 UTC-1730 UTC (Virtual)

Registration policy: On a first come
Registration last date: July 25, 2021
Click here for registration

The aim of this short course is to introduce the principles of Doppler and polarimetric radar and its application to observing cloud microphysical processes. The instructors for this course are Prof. V. Chandrasekar, Colorado State University, USA and Dr. Renzo Bechini, Radar Scientist, Regional Meteorological Service, Italy. The course will be based on a new book by the instructors, which will be released this year, by Cambridge University Press.

Course contents:

1. Introduction to the principles of modern dual- polarization radar
2. Precipitation physics and dual polarization radar
3. Observing microphysical processes using dual polarization

The course is open for all levels of expertise and will be targeted to graduate students and early career researchers. The course will be in an online platform but live, with live interaction. Basic college level background in physics and mathematics is expected.

Course Instructors:

Prof. V Chandrasekar
Colorado State University, USA

Dr. Renzo Bechini
Regional Meteorological Service, Italy