

09 NOVEMBER 2021

Tuesday, 05.30 PM IST

(1200 UTC)

#AzadiKaAmritMahotsav

Lecture Series on

Cloud and Precipitation Physics and Dynamics



Ministry Of Earth Sciences
Government of India



Modeling of cloud dynamics and microphysics

Dr. Wojciech Grabowski is a Polish-American cloud physicist. He obtained his MSc and PhD degrees in Poland (from the University of Warsaw's Physics Department and Polish Academy of Sciences, respectively) in the 1980ies. He moved to the National Center for Atmospheric Research (NCAR) in 1987 after receiving a prestigious NCAR's Advanced Study Program Postdoctoral Fellowship. He has been at NCAR since then, currently as a Senior Scientist (since 2005) at the Mesoscale and Microscale Meteorology Laboratory. His main areas of interest include computational fluid dynamics and numerical modeling in general, and more specifically modeling of cloud dynamics and microphysics, interactions of clouds with radiation and surface processes, and representation of these processes in numerical models of small-scale dynamics, weather, and climate. He obtained habilitation [a post-PhD degree, equivalent of the Doctor of Science (DSc)] from the Institute of Geophysics, Polish Academy of Sciences, Warsaw, Poland, in 1999. In 2013 he received the title of Professor of Physical Sciences of the Republic of Poland. He was a member of the Committee on Cloud Physics of the American Meteorological Society between 1995 and 1998, and a member of the International Commission on Clouds and Precipitation between 2000 and 2008. He is a Fellow of the Royal Meteorological Society and of the American Meteorological Society. He is the Affiliate Professor of the Faculty of Physics, University of Warsaw. Dr. Grabowski published over 150 papers in atmospheric science journals and similar number of papers in conference proceedings. His papers attracted over 10,000 citations (H=54, <https://scholar.google.com/citations?user=WVjmW3wAAAAJ&hl=en>). He served as a member of editorial boards for the Quarterly Journal of the Royal Meteorological Society (2001-2008), Atmospheric Science Letters (2000-2011), Journal of the Atmospheric Sciences (2006-2019), and the Journal of Advances in Modeling Earth Systems (JAMES, 2008-2011).



Prof. Wojciech (Voytec) Grabowski

Polish-American cloud physicist

National Center for Atmospheric Research (NCAR)

<https://staff.ucar.edu/users/grabow>



<https://youtu.be/Aft1Y0ZXPVY>