



## Fluorescent biological aerosols in the atmosphere

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**Time: 11:00am – 12:00noon**

**Venue: ZS970**

**The Hong Kong**

**Polytechnic University**



### Seminar Abstract

Organic aerosols are ubiquitous in the earth's atmosphere. They account for up to 40-90% of the aerosol mass, and potentially control the physicochemical properties of atmospheric particles. During the past decade, organic aerosols are highlighted because they are important environmental issues related to global and regional climate, chemistry of the atmosphere, global biogeochemical cycling, and human health. Prof. Fu's research interests include the study of the sources, formation processes and long-range transport of organic aerosols in different geographical locations in the world. Specially, he would like to present his recent measurements on the fluorescent biological aerosols in urban and rural regions, as well as remote marine regions that are influenced by a combination of long-range transported continental aerosols and by the sea-to-air emission of marine organics.

### Biography

Dr. Pingqing Fu is Professor of Atmospheric Chemistry and Biogeochemistry at the Institute of Atmospheric Physics, Chinese Academy of Sciences (IAPCAS), Beijing, China. He received his B.Sc. in Analytical Chemistry from Wuhan University in 1996 and Ph.D. in Geochemistry from the Institute of Geochemistry, Chinese Academy of Sciences (IGCAS) in 2004. From 2005 to 2011 he worked as a visiting scholar in University of Manitoba, Canada and as a postdoctoral researcher supported by MEXT and JSPS at the Institute of Low Temperature Science, Hokkaido University, Japan. Dr. Fu returned to Beijing in 2011 and joined the IAPCAS as a Full Professor since then. Dr. Fu has been a continuous holder of the grants from NSFC and CAS. He was selected as the Distinguished Young Scholar of NSFC in 2016. Prof. Fu has authored and co-authored more than 100 peer-reviewed papers. He is currently the Associate Editor of *NPJ Climate and Atmospheric Science*.

\*\*\* ALL INTERESTED ARE WELCOME \*\*\*

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