

Methane in the Climate System: Monitoring Emissions from Satellites



**RONALD AND MAXINE LINDE CENTER
FOR GLOBAL ENVIRONMENTAL SCIENCE**

Professor Daniel J. Jacob
Harvard University

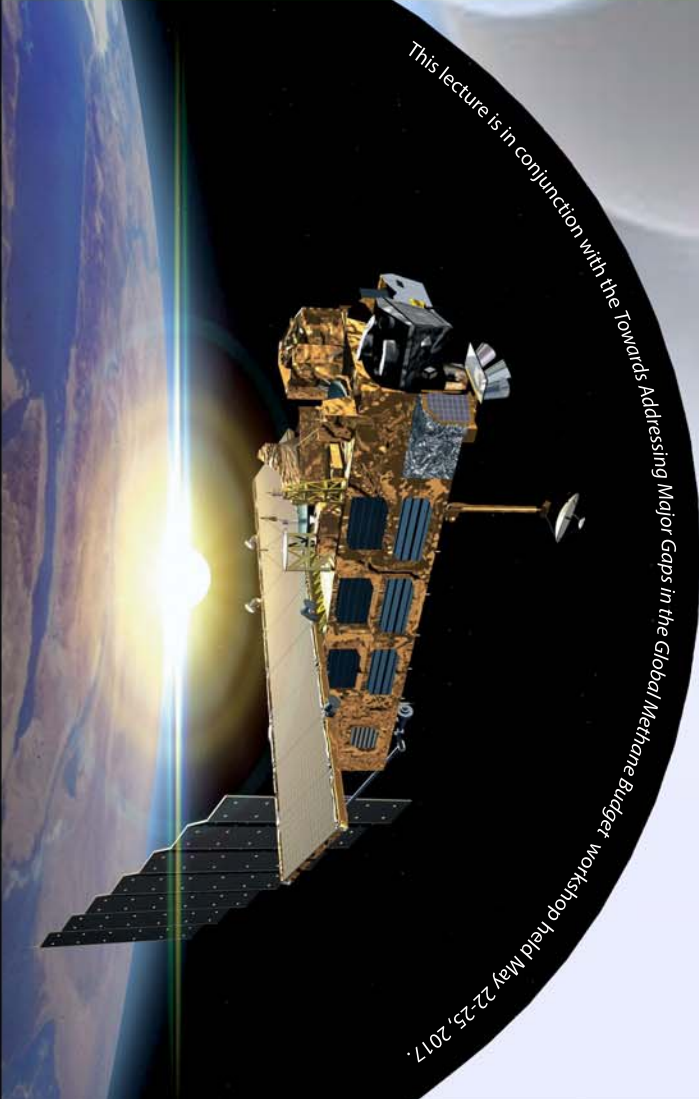
Wednesday, May 24, 2017
4:00 PM Lecture

Sharp Lecture Hall, Arms Building
California Institute of Technology

Satellites offer considerable potential for global monitoring of methane emissions, quantifying the contributions from different sources, detecting temporal variability, and attributing long-term trends.

Atmospheric methane has been measured continuously from space since 2003, and new instruments are planned for launch in the near future that will greatly expand the capabilities of space-based observations.

Professor Jacob will discuss the value of these observations to better quantify and monitor methane emissions, from the global scale down to the scale of point sources.



This lecture is in conjunction with the Towards Addressing Major Gaps in the Global Methane Budget Workshop held May 22-25, 2017.