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Watching the Earth Breathe

Measuring Atmospheric Carbon Dioxide With NASA's Orbiting Carbon Observatory-2

Dr. David Crisp, Senior Research Scientist
Jet Propulsion Laboratory, California Institute of Technology

Giffels Auditorium
April 7, 2016
7:30 PM - 9:00 PM
Free & Open to the Public
Reception After Lecture

Dr. David Crisp is an atmospheric physicist at the Jet Propulsion Laboratory, California Institute of Technology. Since receiving his Ph.D. from the Geophysical Fluid Dynamics Program at Princeton University in 1984, his research has focused primarily on the development of instruments and numerical models for analyzing light reflected, emitted, and scattered by atmospheres and surfaces of Venus, Earth, Mars, and more recently, a few exoplanets. He has served on the science teams of several missions including the Soviet/French/US VEGA Balloon mission, NASA's Hubble Space Telescope Wide Field/Planetary Camera-2, and Mars Pathfinder missions, and the European Space Agency's Venus Express mission. He was the Chief Scientist of the New Millennium Program, NASA's space flight technology demonstration program, from 1997 to 2001. Dr. Crisp was the Principal Investigator of the Orbiting Carbon Observatory (OCO) mission, NASA's first mission designed specifically to measure atmospheric carbon dioxide. He is currently serving as the Science Team Leader for NASA's Orbiting Carbon Observatory-2 (OCO-2) mission.

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