



COMMITTEE ON SPACE RESEARCH

37th COSPAR Scientific Assembly
Montreal, Canada , 13-20 July 2008



COSPAR 13-20 July 2008, Montreal

(<http://www.cospar-assembly.org>)

Scientific Investigations from Planetary Probes and Aerial Platforms Symposium B06

Scientific Organizing Committee

Sushil Atreya (University of Michigan, USA), Main Scientific Organizer
Jean-Pierre Lebreton (ESTEC, Netherlands), Deputy Scientific Organizer
James Cutts (JPL, USA)
Torrence Johnson (JPL, USA)
Ralph Lorenz (JHU-APL, USA)

Symposium Description

Planetary exploration has evolved to a point where in situ measurements are not only possible but are recognized to be essential for answering the major questions of the formation of the solar system and the origin and evolution of planetary atmospheres. The Galileo probe at Jupiter, Huygens probe at Titan and the VEGA balloons at Venus are just some examples of past in situ missions. New concepts are being developed for exploring Titan with balloons, Saturn and the other giant planets with entry probes, and Mars with advanced rovers. This symposium will focus on key scientific results from past in situ explorations, lessons learned, and science and technology concepts and challenges for future exploration of the planets and satellites with entry probes and aerial platforms. Presentations at the symposium will comprise a mix of invited, contributed and poster contributions.

Publication of papers in the Advances in Space Research is anticipated.

Message to authors: Bring your manuscript to the meeting to expedite reviewing. Formatting instructions will be made available on the COSPAR meeting website.

Contact information

Sushil K. Atreya
Professor of Atmospheric and Space Science
University of Michigan
Space Research Building
Ann Arbor, MI 48109-2143 USA
email: "Sushil K. Atreya" <atreya@umich.edu>
Tel: 734-936-0489 (work); 734-764-7221 (secretary)
Fax: 734-936-0503
Webpage: <http://www.umich.edu/~atreya>