

**CHAPMAN CONFERENCE
EXPLORING VENUS AS A
TERRESTRIAL PLANET
13–17 FEBRUARY 2006
KEY LARGO, FLORIDA**

LARRY W. ESPOSITO
DIMITRY TITOV
CONVENORS

ORGANIZING COMMITTEE

- Kevin Baines, Jet Propulsion Laboratory
- Alexander Basilevsky, Vernadsky Institute of Geochemistry and Analytical Chemistry,
- Russian Academy of Sciences,
- Gordon Chin, NASA Goddard Space Flight Center
- David Crisp, Jet Propulsion Laboratory, California Institute of Technology
- Takeshi Imamura, Institute of Space and Astronautical Science, Japan Aerospace
- Exploration Agency
- Sanjay Limaye, Space Science and Engineering Center, University of Wisconsin-
- Madison
- Janet G. Luhmann, Space Sciences Laboratory, University of California, Berkeley
- Masato Nakamura, Institute of Space and Astronautical Science, Japan Aerospace
- Exploration Agency
- Christopher Russell, Institute of Geophysics and Planetary Physics, University of
- California, Los Angeles
- Steve Saunders, NASA Headquarters
- Gerald Schubert, Department of Earth and Space Sciences, University of California, Los
- Angeles
- Sue Smrekar, Jet Propulsion Laboratory, California Institute of Technology
- Ellen Stofan, Proxemy Research
- Hakan Svedhem, ESA/ESTEC
- Fredric Taylor, Clarendon Laboratory, University of Oxford

CONFERENCE OBJECTIVES

- Review the current knowledge of Venus including surface and interior processes, atmospheric circulation, chemistry, and aeronomy
- Compare the evolution of Venus with that of Earth and Mars
- Preview observation plans and results expected from Venus Express
- Identify objectives for future research and missions

ABSTRACT DEADLINE AND CALL FOR PAPERS

- Submission Deadline: 15 November, 2005
- Participants intending to present invited or contributed talks/posters, must submit an abstract as per instructions found on the home page
- All contributed talks will be posters. The poster session chair will collect 1-2 viewgraphs. Each poster will receive a five-minute introduction during the first part of the scheduled poster session

TRAVEL SUPPORT

- Application Deadline: 15 November 2005
- Several agencies will support travel of conference participants
- Graduate students and young scientists will receive priority for funding
- To apply for travel funds, please print and complete the Chapman Conference Travel Grant Application found on the conference home page

MEETING SCHEDULE

- Four days long
- Mornings feature invited tutorials
- Panel and poster sessions in afternoon
- Evenings free for informal splinter sessions and discussion

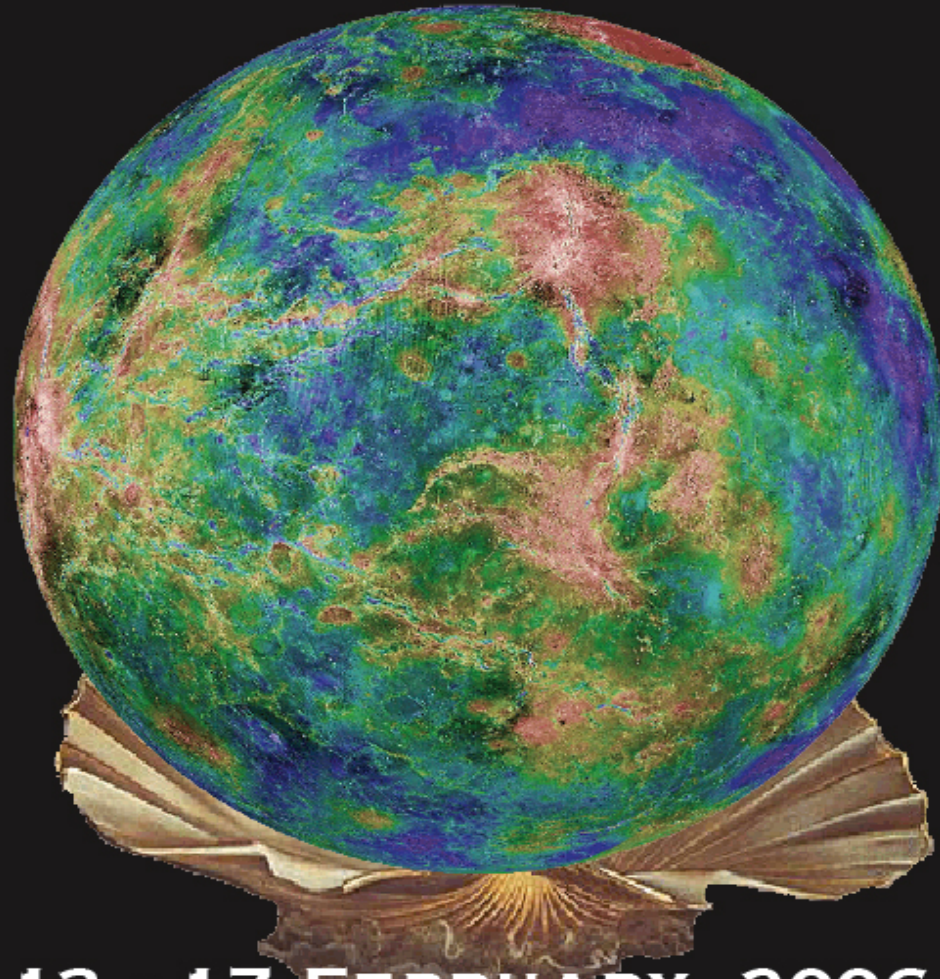
"Exploring Venus as a Terrestrial Planet" Chapman Conference

February 13-17, 2006: Key Largo, Florida

Program Schedule

	8:45 am - noon	2:00-4:30 pm	4:30-6:00 pm	Evening
Day 1 (Feb. 13) Monday	Interior and resurfacing	Geochemistry and surface-atmosphere interaction	Surface and related	
	Conference Introduction: Larry Esposito Chair: Smrekar Tutorials: Head— <i>Surface</i> Mackwell— <i>Interior</i> Invited Speakers: Anderson, Ivanov, Johnson, McGill, Parmentier, Phillips, Schubert, Solomatov, Stevenson (<i>This talk to be delivered at the start of the afternoon session</i>)	Chair: Basilevsky Invited speakers: Basilevsky, Elkins-Tanton, Hashimoto, Zolotov	Posters	
Day 2 (Feb. 14) Tuesday	Atmosphere, chemistry and clouds	Atmospheric dynamics	Atmospheres and related	Banquet
	Chair: Crisp Tutorial: Taylor— <i>Atmosphere chemistry and clouds</i> Invited speakers: Bezard, Imamura, Krasnopolsky, Yung Tutorial: DelGenio— <i>Dynamics</i>	Chair: Schubert Invited speakers: Dowling, Lee, Leovy, Limaye, Takahashi,	Posters	After-dinner speaker - Naov
Day 3 (Feb. 15) Wednesday	Aeronomy, ionosphere and solar wind interactions	Evolution and comparisons to Earth and other terrestrial planets	Space environment	
	Chair: Luhmann Tutorial: Russell— <i>Space environment</i> Invited speakers: Bougher, Cravens, Hartle, Stewart, Strangeway	Chair: Taylor Invited speakers: Bullock, Crisp, Meadows	Posters	
Day 4 (Feb. 16) Thursday	Venus Express and VCO	Future plans	Strategy for Venus exploration	
	Chairs: Svedhem, Titov— <i>Overview of Venus Express</i> Invited speakers: Barabash, Bertaux, Formisano, Hausler, Markiewicz, Zhang/Russell Panel Discussion: Feedback on science plans	Chair: Baines Invited speakers: Atreya, Cutts, Grinspoon, Imamura, Saunders, Venkatapathy Includes VCO, lessons learned, future technology needs, VEXAG, future US mission posters.	General Discussion	
Day 5 (Feb. 17) Friday	Program committee wrap-up	NOTE: All contributed talks will be posters. Posters will be up all week. Each poster will receive a five-minute introduction. The poster session chair will collect 1-2 viewgraphs. This introduction will occur in the first part of the scheduled poster session. The meeting announcement will include a call for review chapter proposals for inclusion in an AGU publication These will be considered by the Editorial Board, chaired by Esposito and Stofan, Editors.		

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CONFERENCE HOME PAGE

<http://www.agu.org/meetings/cc06bcall.html>