



# *Venus Express Education Program* *“The Unsolved Mysteries of Venus”*

**Third VEXAG Meeting**  
**Crystal City, VA**  
**January 11th, 2007**

**Rosalyn Pertzborn and Sanjay Limaye**  
**University of Wisconsin-Madison**



- Public Outreach
- Formal Education
- Informal Education
- New Data/Animations for E/PO
- Summary

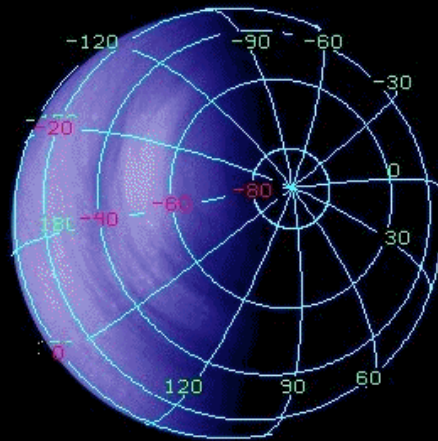
- Public Presentation developed and piloted (Limaye) – some revision underway for Co-I team usage (new animations)
- VEX Presentation at Brussels International School (Sept. 06)
- US Venus Express web site up and running:
  - [venus.wisc.edu](http://venus.wisc.edu)
  - US Co-I Team members pictures and biographies added – still need a few!
  - Messenger flyby animation (McNutt) to be added - details being finalized

- Teacher/Scientist Workshop: EuroPlanets Conference in Berlin, Germany (September 2006) – “Mysteries of Venus” Learning Modules introduced (Brummit & Pertzborn)
- Teacher/Scientist Workshop: Belgium Institute for Research in Aeronomy (hosted by Norma Crosby)
- AAPT/AAS presentation of Learning Module prototype in Seattle, WA (January, 2007)
- Modules are being piloted in Middle School Classroom (Waukesha, WI) by MS candidate at UW School of Education
  - Will provide evaluation of product in classroom context
  - Design student assessment tools
  - Support development of additional (advanced) module
  - Additional classroom pilots in Hawaii and Puerto Rico

- “Small Museum Program” software to be updated with new data animations.
- DPS Public Lecture Series: Venus Lecture by David Grinspoon (Oct. 06)
- Explore Library Program “librarian resource kits” concept under revision
- Kick-off Meeting for Nat’l Girls Collaborative (Jan 21, 2007) – Identify opportunities for Venus Express Resource utilization in programs targeting young women
- “One Sky, Two Views” Cultural Conference, April 12-13, 2007
  - Venus Theme very prominent in Native American culture
  - Wisconsin Indian Education Assoc. Conference (April, 2007)
  - “One Sky, Two Views” Middle School Textbook includes Venus Chapter

# Venus Express E/PO: Real Data for Authentic Learning!

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- VEX E/PO Progress ongoing: “Showcase Data” from Co-I team for mature formal (as well as other) education products at this stage is key
- Additional Opportunities to consider for Co-Is in FY-07:
  - Formal Education: Summer Internships for High School students at Co-I institutions
    - Young women and underserved communities
  - Informal Education: Museums, Libraries, etc.
  - Public Outreach Local/Regional Presentations: Please Report these!