

Venus Town-Hall Meeting

Lunar and Planetary Science Conference

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Venus Town-Hall Meeting Agenda



- **New: Venus Colloquium Series**
- **New: Venus Student Group**
- **Next VEXAG Meeting and Science Conferences**
 - 1) **Venus Science Workshop (Aug-Sept, DC area)**
 - 2) **Comparative Climatology of the Terrestrial Planets (Feb, 2012, Boulder)**
- **Update on Venus Missions**
- **Top 10 Venus Discoveries List**
- **Comments on Decadal Survey: Stofan/Mackwell**
 - **Community reactions**

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New

Venus Student Group Initiative



- **Objectives:**
 - **Develop a next generation of Venus scientists**
 - **Give students a voice in VEXAG**

- **Format:**
 - **Student presentations and a new Focus Group**

- **Next steps:**
 - **PEN Announcement to solicit participants & student leaders**
 - **Students can apply for travel funds to attend VEXAG (see website)**

- **Comments?**

New

Venus Colloquium Series



Modeled on the Outer Planets Colloquium Series

<http://outerplanets.jpl.nasa.gov>

Google “Outer Planets Colloquium Series”

Supports visits by planetary scientists to university campuses and research institutions to raise awareness of current research in Venusian science.

Covers the presenter's travel expenses.

Should be in place later in March – Watch for a PEN Announcement

Will be looking for volunteer speakers – Requires a picture, Title(s) of presentations, and list of Venusian research interests

Next VEXAG Science Conference/Meeting



Will be Tuesday-Wednesday-Thursday – August 30 – September 1, 2011 – Just before Labor Day

Location – Washington DC area

Science Conference Topics

- **New Results from Venus Express,**
- **Ground-based Observations, and/or**
- **Future Missions.**

As before, there will be travel grants for students

Watch for PEN announcement soon

Update from last workshop:

Icarus special issue in review (35-40 papers submitted)

Mars Exploration Program Analysis Group (MEPAG)
chartered by NASA HQ to assist in planning the scientific exploration of Mars



Venus Exploration
VEXAG
Analysis Group



OPAG
Outer Planets Assessment Group



Comparative Climatology of Terrestrial Planets

[A Scientific Workshop on the Climates of Venus,
Earth, Mars, and Titan](#)

Boulder, Colorado

Mid-February 2012 (3½ days)

Convenors

Eliot Young (SwRI)

Mark Bullock (SwRI)

David Grinspoon (DMNS)

TOPICS

Climate and atmosphere

Clouds, hazes, and precipitation

Interior-surface-atmosphere interactions

Solar-atmosphere interactions

[Papers will be published in an edited volume](#)

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Update on Venus Missions



Akatsuki

Launched successfully on 21 May 2010
Checkout of instruments enroute to Venus
Failure to get into orbit at Venus
Spacecraft and instruments remain in excellent health
Venus orbit insertion in 4-5 years being worked

Venus Express

Extend mission extended to 2014 (w/mid-term review)
Operations nominal
More data posted to Planetary Science Archive & PDS

Cosmic Vision

EVE and ENVISION not selected

New Frontiers & Discovery

Pending .. June?

Venus Top 10 Discoveries



- Objective:
 - Provide a high-level list of interesting Venus topics for general public
- Format:
 - ~1 page of discussion & graphic
- List will be posted on web:
 - Votes and volunteers to be finalized at next VEXAG meeting