

Venus Newsletter #1, April 2019

1. From HQ: NASA participation process on Envision Venus mission study<applewebdata://4D05751F-6B53-4958-8145-FE1C5B80194C#_Toc7529004>
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4. Venera-D Landing Site, Cloud Habitability and Astrobiology Workshop<applewebdata://4D05751F-6B53-4958-8145-FE1C5B80194C#_Toc7529007>
5. VEXAG 2019 meeting (Nov 6-8, Boulder Colorado).<applewebdata://4D05751F-6B53-4958-8145-FE1C5B80194C#_Toc7529008>
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1. From HQ: NASA participation process on Envision Venus mission study
On November 2018 during the VEXAG annual meeting, and then during the Venus Townhall at LPSC March 2019, the Venus community was informed that NASA was studying the possibility of a collaboration on ESA's M5 EnVision Venus mission concept, which is currently under competition. NASA was invited to participate by ESA on the mission study via the EnVision Science Study Team with two USA Venus scientists and a system engineer in the System Engineering Working Group (SEWG).

On March 2019, as part of the mission study process NASA solicited potential instrument contributions and invited responses of interested capabilities from three Centers (GSFC, JPL and APL). On April 22, 2019, NASA received response packages from each of these Centers. The NASA assessment process will take about two months, after which time NASA will decide how to proceed. ESA's M5 decision will be made in June 2021. For further information please contact Dr. Adriana Ocampo at aco@nasa.gov<<mailto:aco@nasa.gov>>

2. Venus Exploration Document Update
The Venus Document Townhall at LPSC was quite successful with over ~40 participants and feedback on all aspects of the Venus Exploration Documents. Feedback and editing has been ongoing since then, and late draft documents are expected to be released on the VEXAG website in the second half of May. We are currently planning a final community virtual townhall, tentatively June 3, 2019, 4pm Eastern time (subject to change) as a last all-community solicitation for feedback.

3. Invitation to EPSC-DPS Joint Venus Session
EPSC-DPS Joint Meeting 2019
TP9: VENUS SCIENCE AND EXPLORATION

Dear colleagues,

We would like to invite you to submit an abstract to Session TP9: Venus science and exploration at the EPSC-AAS/DPS Joint Meeting on 15-20 September 2019 in Geneva, Switzerland. This session welcomes presentations on all aspect of the Venus system including interior, surface, atmosphere and ionosphere. We welcome presentations based on past or current observations, theory and modelling, as well as presentations related to future instruments and missions including the ESA-NASA proposed EnVision Venus orbiter and NASA Discovery Venus missions.

More information about the session and a link to abstract submission can be found on:<https://meetingorganizer.copernicus.org/EPSC-DPS2019/session/34056>
Abstract submission deadline is 8 May 2019, 13:00 CEST (UTC+2)

Looking forward to seeing you in Geneva,
The Conveners, Colin Wilson, Lynn Carter, Darby Dyar, Thomas Widemann

4. Venera-D Landing Site, Cloud Habitability and Astrobiology Workshop
The Venera-D Landing Site, Cloud Habitability and Astrobiology Workshop will be held during the first week of October 2019 prior to the 10th Moscow Solar System Symposium, at the Space Research Institute of the Russian Academy (IKI) Moscow, Russia. Abstracts for the workshop will be due August 6, 2019. NASA will fund ~6-8 people from US (details for the application process will be provided in the coming months). A PEN announcement will be made by mid-April. Additional details of the symposium and the workshop will be posted on the VEXAG website, as they become available.

5. VEXAG 2019 meeting (Nov 6-8, Boulder Colorado).
First announcement coming from LPI around May 8

6. Joint VEXAG/OPAG/EXOPAG meeting.
"Exoplanets in our Backyard: Solar System and Exoplanet Synergies on Planetary Formation, Evolution, and Habitability? On links between comparative planetology and Exoplanets is in planning stages. It will be held the first week of February, 2020, location TBD, but possibly at LPI in Houston.

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End of Venus Digest, Vol 4, Issue 1
