

Newsletter 19-23

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SMALL BODIES ASSESSMENT GROUP STEERING COMMITTEE CANDIDATE SOLICITATION

There are up to four positions open on the Steering Committee of the Small Bodies Assessment Group (SBAG), starting in August 2019.

The SBAG Steering Committee organizes SBAG meetings, writes the official SBAG findings, and takes a leadership role in other activities where community input on topics of interest is needed. The Steering Committee members should be as diverse as the community, in terms of topical interest (asteroids, comets, meteoroids, TNOs, KBOs, observational, experimental, computational, sample handling, etc.), demographics, experience, type of employer (commercial, small business, academia, government), and other parameters.

We are looking for members with expertise in the following areas:

- SBAG Planetary Defense Lead - We desire an individual who is actively

involved in studying Planetary Defense and is aware of the current challenges and progress in this field, to lead SBAG activities relating to Planetary Defense.

- Early Career Secretary - We try to encourage the participation of scientists and engineers early in their careers. The Early Career Secretary will assist with meeting and website logistics, as well as serve as a full member of the Steering Committee. We invite graduate students, postdocs, and other early career scientists or engineers (within 3 years of PhD/MS/BS) to apply.
- At-large members (1 or 2) - Any member of the small bodies community is welcome to apply.

Terms are for three years, except for the Early Career Secretary, which is a two and one-half year term.

Application for Steering Committee Membership requires a) a two-page CV, which should include a description of participation in SBAG or other small bodies community organizations, and b) a short (one-page or equivalent) statement of interest. Previous participation in SBAG is preferred, but not required.

To indicate your willingness to serve in any of these positions, please email Tim Swindle (tswindle@lpl.arizona.edu [1]) by June 17, 2019, and include a two-page CV and your statement of interest. The current Steering Committee will select new members at the 21st Meeting of SBAG, June 24-25, 2019.

A more complete description of the responsibilities and eligibility requirements for SBAG Steering Committee membership is on the SBAG website at <https://www.lpi.usra.edu/sbag/committee> [2]

Tim Swindle, SBAG Steering Committee Chair

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VENERA-D LANDING SITES AND CLOUD HABITABILITY WORKSHOP

The Venera-D Landing Sites and Cloud Habitability Workshop, to be held October 2-5, 2019 at the Space Research Institute (IKI) in Moscow, Russia.

The purpose of this workshop is to gather community input on a) the criteria for scientifically desirable landing sites at Venus for the Venera-D lander, and b) the best measurements and measurement methods that can advance our understanding of Venus' habitability present and past.

Abstracts related to these four categories are solicited: i) landing sites target priorities, ii) habitability and bio species survival (current research and theory), iii) surface/atmosphere/bio species instrumentation and sampling systems, and iv) laboratory studies.

The abstract deadline is August 10, 2019. Notifications of interest must be sent by June 21 to facilitate visa processing. Some travel support is available for US-based scientists. Please email notifications of interest by to venera-d@cosmos.ru [3], subject: JSDT 2019 Workshop (category of interest). Please include in the body of your email message: the abstract title, requests for travel support (if needed), and your availability to volunteer as a meeting scribe. Requests for travel support will be provided on a case by case basis, pending abstract acceptance.

<https://www.hou.usra.edu/meetings/venera-d2019/> [4]

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ICARUS NEWS: TRANSITIONING TO ARTICLE NUMBERS

Within the publishing industry, unique article numbers are emerging as an easy and efficient way to cite journal articles. Article numbering has already been successfully rolled out to Elsevier’s multidisciplinary open access journal Heliyon and has been well received by the academic community. Based on that positive feedback, Elsevier is now introducing article numbering for a number of journals, including Icarus.

Unique article numbers are an abbreviated form of the article’s DOI - digital object identifier. Citing an article with an article number is very simple: the article number is used instead of the page range in the citation. Below are answers to common questions:

Will the Impact Factor be affected?

No. Each time a journal adopts article numbering, we notify Clarivate Analytics (Thomson Reuters). This ensures all citations by article number are included in future Impact Factor calculations.

Why the change?

While journal volumes and issue numbers will remain in place, the introduction of article numbers makes page numbers redundant, opening up a number of benefits for the journal and readers.

Faster publication: With article numbers, the version of record of the article is online and citable as soon as the proof corrections have been incorporated, ensuring readers have access to the latest research faster.

More flexibility: PDFs can now be generated in any font size and articles can be any length. This allows online platforms to tailor the content, for example resize it based on the device used to access it.

Increased content options: In collections (e.g. online Special Issues), articles can now be placed in any order.

We believe the introduction of article numbering will encourage readers to browse and help them quickly identify the papers most relevant to their research interests.

Rosaly Lopes

Icarus Editor-in-Chief

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NASA POSTDOCTORAL FELLOWSHIP - APPLICATION DEADLINE JULY 1, 2019

The NASA Postdoctoral Program offers US and international scientists the opportunity to advance their research while contributing to NASA's scientific goals. The NPP supports fundamental science; explores the undiscovered; promotes intellectual growth; and encourages scientific connections.

Selected by a competitive peer-review process, NPP Fellows complete one- to three-year Fellowship appointments that advance NASA's missions in earth science, heliophysics, planetary science, astrophysics, space bioscience, aeronautics and engineering, human exploration and space operations, and astrobiology.

Current NPP research opportunities in planetary science can be viewed here:

[NPP Planetary Sciences Research Opportunities](#) [5].

Applicants must have a Ph.D. or equivalent degree in hand before beginning the fellowship, but may apply while completing the degree requirements. U.S. citizens, Lawful Permanent Residents, and foreign nationals eligible for J-1 status as a Research Scholar may apply.

Stipends start at \$60,000 per year, with supplements for high cost-of-living areas and for certain academic specialties. Financial assistance is available for relocation and health insurance, and \$10,000 per year is provided for professional travel.

Applications are accepted three times each year: March 1, **July 1**, and November 1.

For further information and to apply, visit: <https://npp.usra.edu/> [6]

Questions: npphelp@usra.edu [7]

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5TH BEIJING EARTH AND PLANETARY INTERIORS SYMPOSIUM

The 5th Beijing Earth and Planetary Interiors Symposium (BEPIS) will be held on 24-27 August 2019 at the Institute of Geology and Geophysics, Chinese Academy of Sciences, Beijing, China.

BEPIS focuses on observations and theoretical advances in palaeo-, geo-, bio-, and rock magnetism, geodynamo theories and models, as well as planetary magnetism, with a primary aim of further understanding of the origin, structure, and variations of Earth's magnetic fields.

Registration and abstract submission:

<http://bepis2019.csp.escience.cn> [8]

Deadline for registration and abstract submission: June 30, 2019.

If you have questions please do not hesitate to contact Yongxin Pan

(yxpan@mail.iggcas.ac.cn [9]).

We cordially invite friends old and new to participate in the BEPIS2019!

All the best,

Rixiang Zhu, Keke Zhang

Chairs of BEPIS

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CALL FOR ABSTRACTS - THE FIRST BILLION YEARS: HABITABILITY

The First Billion Years: Habitability conference will be held in Big Sky, Montana from September 8 – 12. The conference focuses on habitability, producing conditions conducive to life, the emergence of life on Earth, the potential for the emergence of life on other solar system bodies, and extensions to extrasolar systems. The conference format is intended to foster multi- and interdisciplinary discussion on the processes and physical conditions that affected the development of potentially habitable environments during the first billion years, how such environments evolved over time, and how such ideas may be tested with current and future laboratory measurements, field studies, astronomical observations, and spacecraft missions.

A one-day excursion to Yellowstone National Park is planned to explore the biologic potential of hydrothermal systems in volcanic settings and to discuss a similar potential in impact-generated hydrothermal systems that may have existed during the dawn of life nearly 4 billion years ago.

The abstract deadline is July 3 at 5pm CDT. To learn more, please visit:

<https://www.hou.usra.edu/meetings/habitability2019/> [10]

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LLOYD V. BERKNER SPACE POLICY INTERNSHIPS AUTUMN 2019

The goal of the Lloyd V. Berkner Space Policy Internship is to provide promising undergraduate and graduate students with the opportunity to work in the area of civil space research policy in the nation's capital, under the aegis of the National Academies of Sciences, Engineering, and Medicine's Space Science Board. The deadline for applications has been extended to July 1. Candidates selected will be contacted no later than August 1. Additional information about the program, including application procedures, can be found at

http://sites.nationalacademies.org/SSB/SSB_052239 [11].

Enquiries should be direct to dsmith@nas.edu [12].

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Send submissions to:

Anne Verbiscer, DPS Secretary (dpssec@aas.org [13])

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to privacy@aas.org [14]. The more general AAS privacy policy is available

online at <https://aas.org/about/policies/privacy-policy> [15]. Current and back

issues of the DPS Newsletter can be found at <https://dps.aas.org/newsletters> [16]

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Links

- [1] <mailto:tswindle@lpl.arizona.edu>
- [2] <https://www.lpi.usra.edu/sbag/committee>
- [3] <mailto:venera-d@cosmos.ru>
- [4] <https://www.hou.usra.edu/meetings/venera-d2019/>
- [5] https://npp.usra.edu/opportunities/?filter_keywords=&filter_fields=145
- [6] <https://npp.usra.edu/>
- [7] <mailto:npphelp@usra.edu>
- [8] <http://bepis2019.csp.escience.cn/>
- [9] <mailto:yxpan@mail.iggcas.ac.cn>
- [10] <https://www.hou.usra.edu/meetings/habitability2019/>
- [11] http://sites.nationalacademies.org/SSB/SSB_052239
- [12] <mailto:dsmith@nas.edu>
- [13] <mailto:dpssec@aas.org>
- [14] <mailto:privacy@aas.org>
- [15] <https://aas.org/about/policies/privacy-policy>
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