

## Newsletter 18-20

Issue 18-20, June 2, 2018

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MESSAGE FROM THE CHAIR: 50TH ANNUAL MEETING OF THE AAS DIVISION FOR PLANETARY SCIENCES FROM OCTOBER 21-26, 2018 IN KNOXVILLE, TENNESSEE

Abstract submission for our annual meeting is now open!

Regular abstracts are due Thursday, July 26, 2018.

Registration will open June 20 and both local and scientific organizing committees are working with AAS meeting planners to make this meeting a place to share our recent scientific results and to continue our collaborations with colleagues.

More information, as it becomes available, can be found at the meeting website:

<https://aas.org/meetings/dps50> [1]

Here are some key dates to be aware of:

30 June 2018 Workshop Proposal Submission Deadline

26 July 2018 Regular Abstract Deadline

31 July 2018 Early Registration Deadline (lowest cost!)

Note that there will be limited and expensive hotel rooms close to the Knoxville Convention Center in downtown Knoxville on the Saturday night before the meeting (Oct 20) due to the home football game between Tennessee and Alabama. The LOC and AAS staff are working to find meeting space so that workshops can be held on Saturday October 27. There will be meeting space for workshops at the Knoxville Convention Center on Sunday October 21 (before the meeting), but it will be extremely difficult for some people to get into Knoxville early that day (particularly those coming from the west coast). Another option for workshop attendees would be to stay at a hotel outside of the downtown area on Saturday night. Workshop conveners should consider these constraints and communicate with expected attendees when deciding on workshop dates and times.

If you'd like to propose a special session, please email the SOC chair, Devon Burr, at [dburr1@utk.edu](mailto:dburr1@utk.edu) [2]. Emails would be appreciated within the next two weeks.

We are planning multiple field trips for the weekend after the meeting. Expected offerings include a visit to the Oakridge National Laboratory, nearby caves, and hiking in the Smoky Mountains.

We plan to continue offering electronic posters this year. We will also be having a banquet at the Knoxville Museum of Art and an ice-cream social on Friday afternoon.

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We look forward to seeing you in Knoxville in October. And when you see members of the [local or scientific organizing committees](#) [3], please thank them for their time and efforts.

Cathy Olkin  
DPS Chair

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### SPICE TRAINING SECOND ANNOUNCEMENT

The ESA SPICE Service (ESS) and the Navigation and Ancillary Information Facility (NAIF) will conduct a SPICE observation geometry training class on June 19-22, 2018 in Madrid, SPAIN. SPICE at ESA is described at:

<http://www.cosmos.esa.int/web/spice/home> [4]

The class is free and open to all professionals and students involved in Solar System exploration. Further information about the class and the class registration form are found at:

<https://www.cosmos.esa.int/web/spice/training-class-june-2018> [5]

Three grants are available for European students to cover Travel expenses.

Registration is due by June 5, 2018.

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### SBAG STEERING COMMITTEE CANDIDATE SOLICITATION

There are up to three positions open on the Steering Committee of the Small Bodies Assessment Group (SBAG), starting in August 2018.

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. In selecting members, the Steering Committee's goal is to have a committee that is as diverse as the community, in terms of topical interest, gender, experience, type of employer, and other parameters. In particular, the Steering Committee will always have members who will serve as the leads for Human Exploration, Planetary Defense, and Technology, respectively, as

well as an Early Career Secretary who will be selected from individuals with less than three years' experience after a terminal degree (PhD, Master's or Bachelor's). Terms are three years except for the Early Career Secretary, whose term is two years. Any member of the small bodies exploration community is eligible to apply for a position on the Steering Committee. A two-page CV, which should include a description of participation in SBAG or other small bodies community organizations, is requested to apply. In addition, please include a short (one-page or equivalent) statement of why you are interested. Previous participation in SBAG is preferred, but not required.

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

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To indicate your willingness to serve in any of these positions, please email Tim Swindle ([tswindle@lpl.arizona.edu](mailto:tswindle@lpl.arizona.edu) [6]) by June 8, 2018, and include a two-page CV and your statement of interest.

The current Steering Committee will select new members at the 19th Meeting of SBAG, June 13-14, 2018.

Tim Swindle, SBAG Steering Committee Chair

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GEOSCIENCES SPECIAL ISSUE RECENT ADVANCES IN LUNAR STUDIES

Dear Colleagues,

The journal Geosciences is accepting papers for a Special Issue related to recent advances in studies of the Moon. Since the Apollo era, sample

studies, remote analyses, and dynamical models continue to tease out details related to the Moon's formation and evolution. Additionally, the international lunar science community is eager to continue its presence on the Moon, as evidenced by recent, upcoming, and future lunar missions. All of these topics are of great interest to the broader geoscience community.

The Special Issue welcomes papers that describe studies related to any of the above topics and will be an outlet for rapid, accessible, and peer-reviewed publications. The editors especially welcome papers from young investigators. The deadline for manuscript submissions is 15 June 2018.

Additional details are available at:

[http://www.mdpi.com/journal/geosciences/special\\_issues/lunar\\_studies](http://www.mdpi.com/journal/geosciences/special_issues/lunar_studies) [7]

Dr. Nicolle E. B. Zellner (Albion College) Dr. Karen R. S. Cahill (PSI)

Guest Editors

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SBAG 19 PRELIMINARY AGENDA, JUNE 13-14, 2018

The preliminary agenda for the 19th Small Bodies Assessment Group (SBAG) meeting is attached. The meeting will be in College Park, Maryland -- more details, including the link for registration, are on the SBAG website at

<https://www.lpi.usra.edu/sbag/meetings/> [8]

If you are presenting at the meeting, we will be in touch with you in the coming days with more details.

I hope to see many of you there.

Tim Swindle

SBAG Chair

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## THEMATIC SCHOOL - FLUID-ROCK INTERACTIONS IN THE SOLAR SYSTEM

The Laboratoire de Planetologie et Geodynamique organises the second GeoPlaNet thematic school on Fluid-Rock Interactions in the Solar System. The event will take place in Nantes (France) from next November 12th to 16th.

This school in Planetary Geosciences will present to participants various techniques for observing, analysing, experimenting and modelling the compositional and morphological aspects of fluid-rock interactions in rocky and icy bodies of all sizes of the Solar System.

The school will include lectures and practicals, as well as poster presentations by attendees. It will be organised along two themes:

### 1) Fluid-rock interactions on planetary surfaces:

Fluid-related rock deformation, rock weathering, sedimentation, hydrothermalism;

Spectroscopy of rocks and minerals, field excursion, experimental modelling, laboratory analyses;

### 2) Fluid-rock interactions in planetary interiors:

Icy ocean worlds, mantle dynamics, volatile cycle, metasomatism,

deep magmatic source;  
Petrology, geochemistry, geophysics, laboratory analyses,  
experimentation, numerical modelling.

This high-level training program is open to 80 international Master students, PhD students and young researchers with a background in geosciences and/or in planetary science.

<https://lpg-umr6112.fr/TS-GeoPlaNet> [9]

O. Bourgeois, O. Verhoeven et S. Lheritier

Laboratoire de Planetologie et Geodynamique UMR CNRS 6112 - University of Nantes

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JOBS, POSITIONS, OPPORTUNITIES

A) POSTDOCTORAL POSITION AVAILABLE AT INSTITUT D'ASTROPHYSIQUE SPATIALE, UNIVERSITE PARIS-SUD

<https://dps.aas.org/content/postdoctoral-position-available-institut-d'astrophysique-spatiale-universite-paris-sud> [10]

B) POSTDOCTORAL RESEARCH SCHOLARSHIP IN ASTEROID ENGINEERING

Lulea University of Technology invites applications for a Postdoctoral Research Scholarship in Asteroid Engineering.

The successful candidate will focus on projects aiming to understand the mechanisms leading to the disruption of asteroids close to the Sun by planning, executing, analyzing, and modeling heating experiments on meteorites and asteroid-analogue materials carried out in the new Asteroid Engineering Laboratory in Kiruna, Sweden.

A Ph.D. in planetary science, astronomy, geosciences, geoengineering, space engineering, or a related field is meriting, as well as experience in numerical modeling and experimental research on meteorites and/or other geological materials.

Deadline for applications is June 30, 2018.

More information available at:

<https://www.ltu.se/ltu/stipendier-priser/postdoc-stipendier?l=en> [11]

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Send submissions to:

Anne Verbiscer, DPS Secretary ([dpssec@aas.org](mailto:dpssec@aas.org)) [12]

You are receiving this email because you are a DPS member.

To unsubscribe or update your information, please send your request to [privacy@aas.org](mailto:privacy@aas.org) [13]. The more general AAS privacy policy is available online at <https://aas.org/about/policies/privacy-policy> [14].



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### Links:

- [1] <https://aas.org/meetings/dps50>
- [2] <mailto:dburr1@utk.edu>
- [3] <https://aas.org/meetings/dps49/contacts>
- [4] <http://www.cosmos.esa.int/web/spice/home>
- [5] <https://www.cosmos.esa.int/web/spice/training-class-june-2018>
- [6] <mailto:tswindle@lpl.arizona.edu>
- [7] [http://www.mdpi.com/journal/geosciences/special\\_issues/lunar\\_studies](http://www.mdpi.com/journal/geosciences/special_issues/lunar_studies)
- [8] <https://www.lpi.usra.edu/sbag/meetings/>
- [9] <https://lpg-umr6112.fr/TS-GeoPlaNet>
- [10] <https://dps.aas.org/content/postdoctoral-position-available-institut-d%E2%80%99astrophysique-spatiale-universit%C3%A9-paris-sud>
- [11] <https://www.ltu.se/ltu/stipendier-priser/postdoc-stipendier?l=en>
- [12] <mailto:dpssec@aas.org>
- [13] <mailto:privacy@aas.org>
- [14] <https://aas.org/about/policies/privacy-policy>