

## Newsletter 19-45

Issue 19-45, October 2, 2019

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EPSC-DPS2019 MEETING SURVEYS: PLEASE RESPOND BY OCTOBER 11TH

Thank you very much to everyone who attended this year's EPSC-DPS2019 meeting in Geneva, Switzerland. The EPSC-DPS Joint Meeting was attended by 1730 participants from 52 countries. It was an exciting gathering of planetary scientists.

This year the DPS has put together two surveys to gather your feedback to improve future DPS meetings.

The first survey is for EPSC-DPS meeting attendees:

<https://www.surveymonkey.com/r/DPS51> [1]

And the second, very short survey is for non-attendees to find out what challenges kept you from attending this year's meeting.

<https://www.surveymonkey.com/r/DPS51-non-attendee> [2]

Please fill out one of the two surveys by October 11th. EPSC has also sent out a similar message to meeting attendees, which also provides a link to our first survey.

Some statistics about the EPSC-DPS2019 meeting and a link to the EPSC survey can be found at:

<https://www.epsc-dps2019.eu> [3]

Linda Spilker

Outgoing DPS Chair

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#### SURVEY ON RESTRUCTURING NASA'S PLANETARY RESEARCH AND ANALYSIS PROGRAMS

In 2014, NASA announced the reorganization of the planetary R&A programs. Merging a number of disparate programs into Solar System Workings created a behemoth to which well over 300 proposals have been submitted each year. This proved unwieldy for managers, reviewers, and proposers alike. We propose SSW be broken up into four programs:

Inner Planet Research and Analysis (IPRA)

- Mercury, Venus, Moon

Mars Fundamental Research (MFR)

Small Bodies Research and Analysis (SBRA)

- Asteroids, comets, interplanetary dust, KBOs,  
and dwarf planets (excluding the Pluto-Charon system)

Outer Planets Research and Analysis (OPRA)

- Jupiter, Saturn, Uranus, Neptune and Pluto-Charon Systems

Most other programs are maintained, with suggestions for mission data analysis programs (DAPs) and the treatment of geologic maps.

See draft proposal:

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<https://oort.psi.edu/public/rereorg> [4]

We would like to invite all NASA-funded planetary scientists to participate in a survey on these proposed revisions to planetary R&A for ROSES 2020:

<https://www.surveymonkey.com/r/rereorg> [5]

The survey will close 5 PM PDT, Monday, October 7, and will inform the above proposal. Results and the submitted proposal will be published by October 15.

Thank you!

Mark Sykes, Asmine Pathare, Georgianna Kramer, Ryan Watkins, Beatrice Mueller, Nalin Samarasinha (PSI)

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NEW DEADLINE: APPLY FOR "THE PI LAUNCHPAD: FROM SCIENCE IDEA TO NASA MISSION"

Dear Colleague,

NASA, the University of Arizona and the Heising-Simons Foundation are organizing a workshop in Tucson, AZ for researchers and engineers who would like to submit a NASA space mission proposal in the next few years but don't know where to start.

We are interested in broadening the pool of potential NASA space mission PI's. People with marginalized identities are strongly encouraged to apply. There is no cost to attend the workshop and travel, meals, and lodging for non-NASA participants will be covered by the Heising-Simons Foundation.

Launchpad applications and instructions on how to apply are available on the [NSPIRES page for this opportunity](#) [6]. Applications may be submitted via NSPIRES until 11:59 pm Eastern Time on October 15th, 2019. All applications must be submitted as a "Notice of Intent" via NSPIRES as a self-contained PDF file that includes your name, organization, and contact information. To submit an application, an NSPIRES account

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is required. To create a new account, please see the [NSPIRES User Registration Page](#) [7].

Additional details are below. Answers to FAQs are available at

<https://science.nasa.gov/researchers/pi-launchpad> [8].

Please share this message with others who may be interested.

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## JOBS, POSITIONS, OPPORTUNITIES

### A) GRADUATE STUDENT POSITIONS IN PLANETARY SCIENCE, GEOCHEMISTRY, AND GEOPHYSICS AT MICHIGAN STATE UNIVERSITY

The Geochemistry and Geophysics research groups in the Department of Earth and Environmental Sciences at Michigan State University are recruiting M.S. and Ph.D. students to start Fall 2020!

Our research groups offer opportunities to study tectonics and petrology at field sites around the globe, to image the Earth's interior, and to model physical and chemical planetary processes using laboratory and computational methods. Dynamic processes of our planet's interior over its history generated Earth's habitable surface and are responsible for the natural distribution of mineral resources and geologic hazards including earthquakes, volcanic eruptions, and tsunamis.

Research and teaching assistantships are available for highly qualified applicants and are awarded in fall of each year. In addition, several fellowships and scholarships provide additional financial support for summer stipends, conference travel, and research and field expenses. Thanks to our generous alumni, the EES department offers the most awards per capita of any department at MSU.

Feel free to contact faculty directly via email. Interested students should visit our prospective graduate student webpage:

<https://ees.natsci.msu.edu/academics/graduate/application> [9]

All are welcome to drop by our booths at GSA and AGU fall meetings!

### B) PAN POSTDOCTORAL RESEARCH FELLOWSHIP POSITION AT RICE UNIVERSITY

The Department of Earth, Environmental and Planetary Sciences at Rice University invites applications for the Pan Postdoctoral Research

Fellowship. We are seeking candidates with independent research interests that intersect with one or more faculty within our department. Applicants are requested to develop a proposal of research to be undertaken during the fellowship period. The principal selection criteria are scientific excellence, a clearly expressed research plan to address questions at the forefront of their field of study, independent research ideas and new directions beyond the applicant's PhD work, and research synergies with at least one faculty. Preference will be given to applicants whose proposals demonstrate independence and originality.

A Ph.D. is required at the time of appointment, but candidates must have received their Ph.D. no more than 3 years before their start date at Rice. Both domestic and international applicants are welcome. The research fellowships will be supported for two years, pending satisfactory progress during the first year, and covers an annual stipend of \$60,000 with a benefits package and an additional annual discretionary research allowance of \$3,500. Applications due November 1, 2019. Further details available here:

<http://jobs.rice.edu/postings/21282> [10]

#### C) GRAD STUDENT POSITIONS IN PLANETARY SURFACE PROCESSES AT UT AUSTIN

Applications are solicited for graduate student positions within the UT Planetary Surface Processes Group, headed by Dr. Tim Goudge, in the Department of Geological Sciences at the University of Texas at Austin. The area of focus for graduate student projects is open within the broad field of planetary surface processes, and will be selected based on research topics of mutual interest. Prospective students can find out more here:

[http://www.jsg.utexas.edu/goudge/files/Goudge\\_Student\\_Ad\\_2019.pdf](http://www.jsg.utexas.edu/goudge/files/Goudge_Student_Ad_2019.pdf) [11]

Dr. Goudge is strongly committed to building an inclusive research group with diverse perspectives and backgrounds. Applicants from historically underrepresented groups in STEM fields, with non-traditional backgrounds, and/or with a demonstrated interest in efforts to improve inclusion and diversity in STEM are especially encouraged to apply.

Prospective applicants with questions about these opportunities are encouraged to contact Dr. Goudge at [tgoudge@jsg.utexas.edu](mailto:tgoudge@jsg.utexas.edu) [12].

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Send submissions to:

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

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To unsubscribe or update your information, please send your request

to [privacy@aaas.org](mailto:privacy@aaas.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] [https://urldefense.proofpoint.com/v2/url?u=https-3A\\_\\_www.surveymonkey.com\\_r\\_DPS51&d=DwMGaQ&c=ApwzowJNAKKw3xye91w7BE1XMRKi2LN9kiMk5Csz9Zk&r=fG5pH1N7YtwOEF6xelPAeRse0ND3CGAXrgq3T4Wd0y4&m=GVKTXFUSXh68I4eRIRiRwRnMwF-u0JEU\\_-Z-yqvwyuw&s=1uWQZ2v6iw7j7-UQZRvYSg1bo9wmNw9iFQR9eYggS2c&e=](https://urldefense.proofpoint.com/v2/url?u=https-3A__www.surveymonkey.com_r_DPS51& d=DwMGaQ& c=ApwzowJNAKKw3xye91w7BE1XMRKi2LN9kiMk5Csz9Zk& r=fG5pH1N7YtwOEF6xelPAeRse0ND3CGAXrgq3T4Wd0y4& m=GVKTXFUSXh68I4eRIRiRwRnMwF-u0JEU_-Z-yqvwyuw& s=1uWQZ2v6iw7j7-UQZRvYSg1bo9wmNw9iFQR9eYggS2c& e=)
- [2] [https://urldefense.proofpoint.com/v2/url?u=https-3A\\_\\_www.surveymonkey.com\\_r\\_DPS51-2Dnon-2Dattee&d=DwMGaQ&c=ApwzowJNAKKw3xye91w7BE1XMRKi2LN9kiMk5Csz9Zk&r=fG5pH1N7YtwOEF6xelPAeRse0ND3CGAXrgq3T4Wd0y4&m=GVKTXFUSXh68I4eRIRiRwRnMwF-u0JEU\\_-Z-yqvwyuw&s=fCQ4pJjwn-nlOUMP33WFFckikAo3Emlb\\_yOzj5tLbfl&e=](https://urldefense.proofpoint.com/v2/url?u=https-3A__www.surveymonkey.com_r_DPS51-2Dnon-2Dattee& d=DwMGaQ& c=ApwzowJNAKKw3xye91w7BE1XMRKi2LN9kiMk5Csz9Zk& r=fG5pH1N7YtwOEF6xelPAeRse0ND3CGAXrgq3T4Wd0y4& m=GVKTXFUSXh68I4eRIRiRwRnMwF-u0JEU_-Z-yqvwyuw& s=fCQ4pJjwn-nlOUMP33WFFckikAo3Emlb_yOzj5tLbfl& e=)
- [3] [https://urldefense.proofpoint.com/v2/url?u=https-3A\\_\\_www.epsc-2Ddps2019.eu&d=DwMGaQ&c=ApwzowJNAKKw3xye91w7BE1XMRKi2LN9kiMk5Csz9Zk&r=fG5pH1N7YtwOEF6xelPAeRse0ND3CGAXrgq3T4Wd0y4&m=GVKTXFUSXh68I4eRIRiRwRnMwF-u0JEU\\_-Z-yqvwyuw&s=mz5Wno9vRHBp3UDH5RPluHQjwo\\_9hgT5qgjGzYePSAE&e=](https://urldefense.proofpoint.com/v2/url?u=https-3A__www.epsc-2Ddps2019.eu& d=DwMGaQ& c=ApwzowJNAKKw3xye91w7BE1XMRKi2LN9kiMk5Csz9Zk& r=fG5pH1N7YtwOEF6xelPAeRse0ND3CGAXrgq3T4Wd0y4& m=GVKTXFUSXh68I4eRIRiRwRnMwF-u0JEU_-Z-yqvwyuw& s=mz5Wno9vRHBp3UDH5RPluHQjwo_9hgT5qgjGzYePSAE& e=)
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- [5] [https://urldefense.proofpoint.com/v2/url?u=https-3A\\_\\_www.surveymonkey.com\\_r\\_rereorg&d=DwMGaQ&c=ApwzowJNAKKw3xye91w7BE1XMRKi2LN9kiMk5Csz9Zk&r=fG5pH1N7YtwOEF6xelPAeRse0ND3CGAXrgq3T4Wd0y4&m=GVKTXFUSXh68I4eRIRiRwRnMwF-u0JEU\\_-Z-yqvwyuw&s=VA1u4dsN4liEVbQW-CSj490-w0CgDsVbS51wipG1mks&e=](https://urldefense.proofpoint.com/v2/url?u=https-3A__www.surveymonkey.com_r_rereorg& d=DwMGaQ& c=ApwzowJNAKKw3xye91w7BE1XMRKi2LN9kiMk5Csz9Zk& r=fG5pH1N7YtwOEF6xelPAeRse0ND3CGAXrgq3T4Wd0y4& m=GVKTXFUSXh68I4eRIRiRwRnMwF-u0JEU_-Z-yqvwyuw& s=VA1u4dsN4liEVbQW-CSj490-w0CgDsVbS51wipG1mks& e=)
- [6] [https://urldefense.proofpoint.com/v2/url?u=https-3A\\_\\_nspires.nasaprs.com\\_external\\_solicitations\\_summary.do-3Fsolld-3D-257bDFEE66D5-2DCBD9-2D0B17-2D4BF0-2D1F2B9D723E9D-257d-26path-3D-26method-3Dinit&d=DwMFAg&c=ApwzowJNAKKw3xye91w7BE1XMRKi2LN9kiMk5Csz9Zk&r=BgloxvAqGa0toqCVB66NdMPdMqEawhillwG3y9kVsxQ&m=6NkHTb99h\\_3sbYEgvU5SPybwT6My1G-](https://urldefense.proofpoint.com/v2/url?u=https-3A__nspires.nasaprs.com_external_solicitations_summary.do-3Fsolld-3D-257bDFEE66D5-2DCBD9-2D0B17-2D4BF0-2D1F2B9D723E9D-257d-26path-3D-26method-3Dinit& d=DwMFAg& c=ApwzowJNAKKw3xye91w7BE1XMRKi2LN9kiMk5Csz9Zk& r=BgloxvAqGa0toqCVB66NdMPdMqEawhillwG3y9kVsxQ& m=6NkHTb99h_3sbYEgvU5SPybwT6My1G-)



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 [7] [https://urldefense.proofpoint.com/v2/url?u=https-3A\\_\\_nspires.nasaprs.com\\_external\\_aboutRegistration.do-3Bjsessionid-3DJ047L-2DTkMw5Z-5FlpIFVYzCi28iCUB4u63XDrbadl-2DGmGMpXbodYsZ-211419207557-21wnp1.nasaprs.com-217006-21-2D1-21363414256-21wnp2.nasaprs.com-217006-21-2D1&amp;d=DwMFAg&amp;c=ApwzowJNAKKw3xye91w7BE1XMRKi2LN9kiMk5Csz9Zk&amp;r=Bgl0xvAqGa0toqCVB66NdMPdMqEawhillwG3y9kVsxQ&amp;m=6NkHTb99h\\_3sbYEgvU5SPybwT6My1G-nUGCyV-08vv0&amp;s=Yj5PLWSZGpm3LjnAd9o7kCML0AvKWeESiN3LP7UjNgl&amp;e=](https://urldefense.proofpoint.com/v2/url?u=https-3A__nspires.nasaprs.com_external_aboutRegistration.do-3Bjsessionid-3DJ047L-2DTkMw5Z-5FlpIFVYzCi28iCUB4u63XDrbadl-2DGmGMpXbodYsZ-211419207557-21wnp1.nasaprs.com-217006-21-2D1-21363414256-21wnp2.nasaprs.com-217006-21-2D1&amp;d=DwMFAg&amp;c=ApwzowJNAKKw3xye91w7BE1XMRKi2LN9kiMk5Csz9Zk&amp;r=Bgl0xvAqGa0toqCVB66NdMPdMqEawhillwG3y9kVsxQ&amp;m=6NkHTb99h_3sbYEgvU5SPybwT6My1G-nUGCyV-08vv0&amp;s=Yj5PLWSZGpm3LjnAd9o7kCML0AvKWeESiN3LP7UjNgl&amp;e=)  
 [8] <https://science.nasa.gov/researchers/pi-launchpad>  
 [9] [https://urldefense.proofpoint.com/v2/url?u=https-3A\\_\\_ees.natsci.msu.edu\\_academics\\_graduate\\_application&amp;d=DwMGaQ&amp;c=ApwzowJNAKKw3xye91w7BE1XMRKi2LN9kiMk5Csz9Zk&amp;r=fG5pH1N7YtwOEF6xelPAeRse0ND3CGAXrgq3T4Wd0y4&amp;m=GVKTXFUSXh68I4eRIRiRwRnMwF-u0JEU\\_-Z-yqvwyuw&amp;s=rttjsFgDrBXdA0RzDUw6g-EtGuv5ZwCAx0I5RYVe4Zo&amp;e=](https://urldefense.proofpoint.com/v2/url?u=https-3A__ees.natsci.msu.edu_academics_graduate_application&amp;d=DwMGaQ&amp;c=ApwzowJNAKKw3xye91w7BE1XMRKi2LN9kiMk5Csz9Zk&amp;r=fG5pH1N7YtwOEF6xelPAeRse0ND3CGAXrgq3T4Wd0y4&amp;m=GVKTXFUSXh68I4eRIRiRwRnMwF-u0JEU_-Z-yqvwyuw&amp;s=rttjsFgDrBXdA0RzDUw6g-EtGuv5ZwCAx0I5RYVe4Zo&amp;e=)  
 [10] [https://urldefense.proofpoint.com/v2/url?u=http-3A\\_\\_jobs.rice.edu\\_postings\\_21282&amp;d=DwMGaQ&amp;c=ApwzowJNAKKw3xye91w7BE1XMRKi2LN9kiMk5Csz9Zk&amp;r=fG5pH1N7YtwOEF6xelPAeRse0ND3CGAXrgq3T4Wd0y4&amp;m=GVKTXFUSXh68I4eRIRiRwRnMwF-u0JEU\\_-Z-yqvwyuw&amp;s=Q6PVbNZ29F\\_eGCFww3hbUDEQWRkDu7pVeIKa8m501w4&amp;e=](https://urldefense.proofpoint.com/v2/url?u=http-3A__jobs.rice.edu_postings_21282&amp;d=DwMGaQ&amp;c=ApwzowJNAKKw3xye91w7BE1XMRKi2LN9kiMk5Csz9Zk&amp;r=fG5pH1N7YtwOEF6xelPAeRse0ND3CGAXrgq3T4Wd0y4&amp;m=GVKTXFUSXh68I4eRIRiRwRnMwF-u0JEU_-Z-yqvwyuw&amp;s=Q6PVbNZ29F_eGCFww3hbUDEQWRkDu7pVeIKa8m501w4&amp;e=)  
 [11] [https://urldefense.proofpoint.com/v2/url?u=http-3A\\_\\_www.jsug.utexas.edu\\_goudge\\_files\\_Goudge-5FStudent-5FAd-5F2019.pdf&amp;d=DwMGaQ&amp;c=ApwzowJNAKKw3xye91w7BE1XMRKi2LN9kiMk5Csz9Zk&amp;r=fG5pH1N7YtwOEF6xelPAeRse0ND3CGAXrgq3T4Wd0y4&amp;m=GVKTXFUSXh68I4eRIRiRwRnMwF-u0JEU\\_-Z-yqvwyuw&amp;s=idVhcutsVzXs3Kqtfe\\_rAuv26Nb\\_7U5pz7ED1EvrrpQg&amp;e=](https://urldefense.proofpoint.com/v2/url?u=http-3A__www.jsug.utexas.edu_goudge_files_Goudge-5FStudent-5FAd-5F2019.pdf&amp;d=DwMGaQ&amp;c=ApwzowJNAKKw3xye91w7BE1XMRKi2LN9kiMk5Csz9Zk&amp;r=fG5pH1N7YtwOEF6xelPAeRse0ND3CGAXrgq3T4Wd0y4&amp;m=GVKTXFUSXh68I4eRIRiRwRnMwF-u0JEU_-Z-yqvwyuw&amp;s=idVhcutsVzXs3Kqtfe_rAuv26Nb_7U5pz7ED1EvrrpQg&amp;e=)  
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 [16] [https://urldefense.proofpoint.com/v2/url?u=https-3A\\_\\_dps.aas.org\\_newsletters&amp;d=DwMGaQ&amp;c=ApwzowJNAKKw3xye91w7BE1XMRKi2LN9kiMk5Csz9Zk&amp;r=fG5pH1N7YtwOEF6xelPAeRse0ND3CGAXrgq3T4Wd0y4&amp;m=GVKTXFUSXh68I4eRIRiRwRnMwF-u0JEU\\_-Z-yqvwyuw&amp;s=cD9yPmeCpGc0ScQkVWr4P8JGtN6hkunal1ZIJ5BwrY&amp;e=](https://urldefense.proofpoint.com/v2/url?u=https-3A__dps.aas.org_newsletters&amp;d=DwMGaQ&amp;c=ApwzowJNAKKw3xye91w7BE1XMRKi2LN9kiMk5Csz9Zk&amp;r=fG5pH1N7YtwOEF6xelPAeRse0ND3CGAXrgq3T4Wd0y4&amp;m=GVKTXFUSXh68I4eRIRiRwRnMwF-u0JEU_-Z-yqvwyuw&amp;s=cD9yPmeCpGc0ScQkVWr4P8JGtN6hkunal1ZIJ5BwrY&amp;e=)