Newsletter 21-06

Issue 21-06, March 16, 2021

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DEADLINE EXTENDED FOR DPS PRIZE NOMINATIONS

The deadline for all DPS prize nominations has been extended to April 15. Please see https://dps.aas.org/prizes [1] for more information.

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ACCEPTING APPLICATIONS FOR ICARUS EDITOR-IN-CHIEF POSITION

The DPS Committee and its Publications Subcommittee are accepting applications for the position of Icarus Editor-in-Chief. We will use these applications to make a recommendation to representatives of Elsevier, the publisher of Icarus. The application, consisting of a cover letter with a 5-year vision statement and a list of skills and experience brought to the position, and a Curriculum Vita and publications list, should be submitted to the Chair of the Publications Subcommittee, Dr. Catherine Neish (cneish@uwo.ca [2]). Review of the applications will begin on April 1, 2021; the anticipated start date is May 1, 2021.

The Editor in Chief of Icarus is responsible for overseeing the peer review process alongside a team of Editors and working with the Editorial Advisory Board. The role includes working with the Publisher and

the DPS to shape the strategy and direction of the journal as well as commissioning research articles, review articles, and special issues. We are therefore looking for a person who is committed to publication excellence and who has broad knowledge of planetary science. Ideally, the candidate will have a track record of contributing to Icarus either as an author, reviewer, guest Editor, Editor, or Advisory Board Member and should have a strong publication record. Other forms of peer reviewing expertise, such as grant review panels would also be considered as relevant experience. Elsevier will pay the Editor-in-Chief an honorarium and expenses to cover journal-related travel.

We thank Rosaly Lopes for her service over the past three years and wish her the best in her new role at JPL.

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2021 NASA PLANETARY SCIENCE SUMMER SCHOOL

Applications Due April 1, 2021

Offered by the Jet Propulsion Laboratory in Pasadena, CA, PSSS is a 3-month long career development experience to learn the development of a hypothesis-driven robotic space mission in a concurrent engineering environment while getting an in-depth, first-hand look at mission design, life cycle, costs, schedule & the trade-offs inherent in each.

Science & engineering doctoral candidates, recent PhDs, postdocs, certain engineering MS students, & junior faculty who are U.S. Citizens or legal permanent residents (and a very limited number of Foreign Nationals from non-designated counties) are eligible. Applicants from diverse backgrounds are particularly encouraged to apply.

Session 1: May 24-Aug 6

Session 2: May 24-Aug 20

With workload of a rigorous 3-hour graduate-level course, participants spend the first 10 weeks in preparatory webinars acting as a science mission team, & spend the final culminating week mentored by the JPL Advance Project Design Team to refine their planetary science mission concept design & present it to a mock expert review board. The culminating week is typically at JPL, however in 2021 it is likely to be virtual due to Covid-19 pandemic conditions.

The DPS is a Division of the

For more information and to apply, visit https://go.nasa.gov/2Q1RrZ9 [3]

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CONFERENCE ON APPLICATIONS OF STATISTICAL METHODS AND MACHINE LEARNING IN THE SPACE SCIENCES

17-21 May 2021, Virtual

Space Science Institute, Boulder, CO, is hosting a virtual conference with the goal to bring together academia and industry to leverage the advancements in statistics, data science, methods of artificial intelligence (AI) such as machine learning and deep learning, and information theory to improve the analytic models and their predictive capabilities making use of the enormous data in the field of space sciences.

Conceived as a multidisciplinary gathering, this conference welcomes researchers from all disciplines of space science: (solar physics, planetary sciences, geology, exoplanet and astrobiology, galaxies), from the fields of AI, statistics, data science and from industry who make use of statistical analysis and methods of AI.

There will be limited funds for waiving the registration fee for students and early careers. Please indicate if you are requesting registration fee waiver when you submit your abstracts.

Abstract submission and registration opens: 15 February 2021

Abstract submission closes: 31 March 2021

Registration closes: 30 April 2021

Further details of the conference can be found at:
http://spacescience.org/workshops/mlconference2021.php [4].

For questions, please email: bpoduval@spacescience.org [5] or reach out to any member on the SOC.

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On Behalf of the Scientific Organizing Committee: M. Balikhin, J. Borovsky, R. D'Amicis, M. Dainotti, M. Georgoulis, J. Johnson, K. Pitman, B. Poduval, R. Shuping, O. Verkhoglyadova, S. Wing, P. Wintoft.

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SBAG EARLY CAREER OPPORTUNITIES

The 25th Small Bodies Assessment Group (SBAG) meeting will be virtual on 7 - 8 June 2021. We have two opportunities at this upcoming SBAG meeting specifically for the early career small body community:

Invited early-career speakers: We plan to select up to two early-career researchers to give invited 15-minute talks (including Q&A). Interested undergraduate students, graduate students, postdocs, and other early career scientists (within 5 years of terminal degree) should submit a letter and a two-page CV to the SBAG Early-Career Secretary, Terik Daly (Terik.Daly@jhuapl.edu [6]), via email by COB (5 pm Eastern time) on 9 April 2021. The letter, which must not exceed 2 pages, should explain how the applicant's work relates to the purposes of SBAG, how the applicant plans to contribute to the meeting, and how the opportunity will advance the applicant's career. The letter and CV should be combined into a single PDF attached to the email. We encourage applicants from a diverse range of backgrounds and experiences to apply.

Lightning Talks: We will provide time on the agenda for early-career scientists and engineers attending the meeting to introduce themselves and their research to the community. The talks will be ~3 minutes, with the exact length depending on the number of presenters. If you are interested in giving a lightning talk, please email the Early-Career Secretary, Terik Daly (terik.daly@jhuapl.edu [7]) by COB (5 pm Eastern time) on 7 May 2021. Attach a single slide, in PDF format, with your name, affiliation, slide title, and a figure or two that highlight your research. We encourage presenters from a diverse range of backgrounds and experiences.

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JOBS, POSITIONS, OPPORTUNITIES

The DPS is a Division of the

A) Staff Scientist at NASA Exoplanet Science Institute (NExScI)

https://dps.aas.org/node/2329 [8]

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Send submissions to:

Maria Womack, DPS Secretary (dpssec@aas.org [9])

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 [10]. The more general AAS privacy policy is available online at https://aas.org/about/policies/privacy-policy [11]. Current and back issues of the DPS Newsletter can be found at https://dps.aas.org/newsletters [12]

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[1] https://gcc02.safelinks.protection.outlook.com/?url=https%3A%2F%2Fdps.aas.org%2Fprizes&data=04%7C01%7Ccatherine.gosmeyer%40nasa.gov%7C696a3b5c8e8e45631d3108d8e8e2122a%7C7005d45845be48ae8140d43da96dd17b%7C0%7C0%7C637515404970310381%7CUnknown%7CTWFpbGZsb3d8eyJWIjoiMC4wLjAwMDAiLCJQIjoiV2luMzIiLCJBTiI6Ik1haWwiLCJXVCI6Mn0%3D%7C3000&sdata=ZpODLGcJNt%2B0m%2BJ2JeqRGnfdaA1RLGdve5k%2FdnQjLxs%3D&reserved=0
[2] mailto:cneish@uwo.ca
[3] https://go.nasa.gov/2Q1RrZ9
[4] https://gcc02.safelinks.protection.outlook.com/?url=http%3A%2F%2Fspacescience.org%2Fworkshops%2Fmlconference2021.php&data=04%7C01%7Ccatherine.gosmeyer%40nasa.gov%7C696a3b5c8e8e45631d3108d8e8e2122a%7C7005d45845be48ae8140d43da96dd17b%7C0%7C0%7C637515404970320350%7CUnknown%7CTWFpbGZsb3d8eyJWIjoiMC4wLjAwMDAiLCJQIjoiV2luMzIiLCJBTiI6Ik1haWwiLCJXVCI6Mn0%3D%7C3000&sdata=VoYEDweNWmq%2F3BNY72ZMQ%2BcqRPvyiEZenUm%2Bf4%2F0nL0%3D&reserved=0

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[5] mailto:bpoduval@spacescience.org

[6] mailto:Terik.Daly@jhuapl.edu

[7] mailto:terik.daly@jhuapl.edu

[8] https://gcc02.safelinks.protection.outlook.com/?url=https%3A%2F%2Fdps.aas.org%2Fnode%2F2329&data=04%7C01%7Ccatherine.gosmeyer%40nasa.gov%7C696a3b5c8e8e45631d3108d8e8e2122a%7C7005d45845be48ae8140d43da96dd17b%7C0%7C0%7C637515404970320350%7CUnknown%7CTWFpbGZsb3d8eyJWIjoiMC4wLjAwMDAiLCJQIjoiV2luMzIiLCJBTiI6Ik1haWwiLCJXVCI6Mn0%3D%7C3000&sdata=JimLplu7N3OdKhzGAFMSSFzho5mqgxMmy4r%2BPtrKhD0%3D&reserved=0

[9] mailto:dpssec@aas.org

[10] mailto:privacy@aas.org

[11] https://gcc02.safelinks.protection.outlook.com/?url=https%3A%2F%2Faas.org%2Fabout%2Fpolicies%2Fprivacy-policy&data=04%7C01%7Ccatherine.gosmeyer%40nasa.gov%7C696a3b5c8e8e45631d3108d8e8e2122a%7C7005d45845be48ae8140d43da96dd17b%7C0%7C0%7C637515404970320350%7CUnknown%7CTWFpbGZsb3d8eyJWIjoiMC4wLjAwMDAiLCJQIjoiV2luMzIiLCJBTiI6Ik1haWwiLCJXVCI6Mn0%3D%7C3000&sdata=xDbNoUhwzobSdGphLpB5jz89OB9sKzHvXYFP%2BPiE5No%3D&reserved=0

[12] https://gcc02.safelinks.protection.outlook.com/?url=https%3A%2F%2Fdps.aas.org%2Fnewsletters&data=04%7C01%7Ccatherine.gosmeyer%40nasa.gov%7C696a3b5c8e8e45631d3108d8e8e2122a%7C7005d45845be48ae8140d43da96dd17b%7C0%7C0%7C637515404970330306%7CUnknown%7CTWFpbGZsb3d8eyJWIjoiMC4wLjAwMDAiLCJQIjoiV2luMzIiLCJBTiI6Ik1haWwiLCJXVCI6Mn0%3D%7C3000&sdata=SNumDHNdgfDvhker7jjv0e%2BuLNcRsimseLiyZH0OpY4%3D&reserved=0