

Newsletter 22-12

Issue 22-12, May 22, 2022

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DPS 2022 ELECTION: CANDIDATE SLATE

The DPS Nominating Subcommittee has identified the following candidates for the 2022 DPS elections for Vice Chair, Committee, and Student Representative.

Vice Chair (1 to be elected):

Joe Spitale, SETI Institute

Carol Raymond, NASA JPL

Committee (2 to be elected):

Jennifer Hanley, Lowell Observatory

Shawn Brooks, NASA JPL

Flaviane Venditti, University of Central Florida

Driss Takir, NASA JSC

Student representative (1 to be elected):

Alex Rousch, University of Texas at San Antonio

Samuel Myers, University of Arizona

Robert Melikyan, University of Arizona

Per the DPS Bylaws, additional candidates for Vice Chair and Committee, supported by a petition of at least 20 DPS members, may be nominated by June 21st. Please send any nominations to the DPS Secretary, Maria Womack, at dpssec@aaas.org [1].

The DPS Committee thanks the members of the Nominating Subcommittee for their dedicated service to the DPS:

Desiree Cotto Figueroa (Chair), Alessondra Springmann, Morgan Cable

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SUMMER SCHOOL IN SOFTWARE SYSTEMS FOR ASTRONOMY

Software Systems for Astronomy will again be offered online this year, and will be spread over 7 weeks, 05-Jul to 12-Aug, 2022. The course covers the design and implementation of software for telescope and instrument control systems, observation planning tools, and software for analyzing and archiving astronomical data.

If you are not a University of Hawaii at Hilo (UHH) student, follow the instructions given at this link: <https://astro.uhh.hawaii.edu/ssfa.php> [2]

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SBAG MEETING JUN 7-9, 2022

Meeting #27 of the Small Bodies Assessment Group (SBAG) will take place June 7-9, 2022 at the Residence Downtown Hotel in Washington DC, with a virtual option. Registration is required, although there is no registration fee. For full details including blocks for room reservations and registration information, please visit:

<https://www.lpi.usra.edu/sbag/meetings/sbag-27/> [3]

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DAVINCI IN SITU CAPABILITY ROUNDTABLE

DAVINCI (Deep Atmosphere Venus Investigation of Noble gases, Chemistry, and Imaging) will host a virtual community meeting on July 28, 2022. Within the capabilities of its atmospheric probe, DAVINCI carries an in situ analytical suite. The DAVINCI team is evaluating options and science justification to include one additional atmospheric gas target to its suite of laser-capable measurements for high precision analysis during descent (details provided in included link), and we welcome input from the scientific community. We invite applications to join a conversation with the DAVINCI Science Team to discuss scientific drivers and hypotheses for a set of candidate atmospheric gases.

Please note that participation in this meeting does not grant DAVINCI team membership and the decision for selection and/or inclusion of an additional gas target is the sole responsibility of the DAVINCI project.

We are excited for the opportunity to engage the science community and the expertise and energy of fellow Venusians, to provide an avenue to contribute to the science capabilities of this long-awaited and long-overdue in situ probe mission. We hope you will join us!

Applications can be submitted at <https://ssed.gsfc.nasa.gov/davinci/roundtable> [4]

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JOBS, POSITIONS, AND OPPORTUNITIES

Job seekers and employers are encouraged to [browse DPS's job listings](#) [5] and [advertise open positions](#) [6].

Recent openings and opportunities are listed below and many more are at the link above.

1. Research Space Scientist Position At NASA GSFC, Due May 24

The Solar System Exploration Data Services Office at NASA Goddard Space Flight Center is seeking a Research Space Scientist specializing in Planetary Studies. Candidates would perform management duties for actively accumulating scientific archives such as those within NASA's Planetary Data System (PDS), with emphasis on developing and utilizing Artificial Intelligence and Machine Learning techniques

to process and analyze large scientific datasets (e.g., PDS and other SMD archives) and developing techniques and tools necessary for enabling new scientific discoveries. Candidates would also study the origin, composition, structure and evolution of our solar system and extra-solar system bodies using PDS and SMD-sponsored archives, including regularly reporting the results of work to the community through publications and other media. The job is open to all US citizens.

Applications are open between 5/20/2022 and 5/24/2022.

<https://www.usajobs.gov/GetJob/ViewDetails/655016900> [7]

2. Postdoctoral Scholar in Climate of Exoplanets and/or Mars

<https://dps.aas.org/content/postdoctoral-scholar-climate-exoplanets-andor-mars> [8]

3. Section Manager, Planetary Sciences Section

<https://dps.aas.org/content/section-manager-planetary-sciences-section> [9]

4. Atmospheric Scientist Position At NASA GSFC

The Planetary Environments Lab at NASA Goddard Space Flight Center, which studies the chemistry and astrobiology of the atmospheres and surfaces of planetary bodies, is seeking a scientist who specializes in planetary studies, with a strong emphasis on investigations of upper atmospheres, ionospheres, and exospheres of our Solar System. Candidates are expected to have experience in spacecraft mass spectrometry techniques, including instrument ground and flight calibrations, and data processing and interpretation. The job is open to all US citizens.

Applications are open between 6/6/2022 and 6/20/2022.

<https://www.usajobs.gov/job/652774100> [10]

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Send submissions to: Maria Womack, DPS Secretary (dpssec@aaas.org) [1]

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[1] <mailto:dpssec@aaas.org>

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[3] [https://urldefense.com/v3/__https://www.google.com/url?q=https:**Awww.lpi.usra.edu*sbag*meeting*s*sbag-27*&sa=D&source=editors&ust=1653249752404558&usg=AOvVaw15UZ7bHxHbiKxalp3STIRA_;Ly8vLy8v!!Llr3w8kk_Xxm!v2TOoiBHyoNfVRY4t1xWBDq3z5jCE2c_QrbTt1LyU6Hbz5d5Mn1vwaotpGoXKHoSEw0fqDqrRkT858wjZg\\$](https://urldefense.com/v3/__https://www.google.com/url?q=https:**Awww.lpi.usra.edu*sbag*meeting*s*sbag-27*&sa=D&source=editors&ust=1653249752404558&usg=AOvVaw15UZ7bHxHbiKxalp3STIRA_;Ly8vLy8v!!Llr3w8kk_Xxm!v2TOoiBHyoNfVRY4t1xWBDq3z5jCE2c_QrbTt1LyU6Hbz5d5Mn1vwaotpGoXKHoSEw0fqDqrRkT858wjZg$)

[4] https://urldefense.com/v3/__https://www.google.com/url?q=https:**Assed.gsfc.nasa.gov*davinci*roundtable&sa=D&source=editors&ust=1653249752407138&usg=AOvVaw1dWR5exTJ7poFprXyQRK6c_;Ly8vLw!!Llr3w8kk_Xxm!v2TOoiBHyoNfVRY4t1xWBDq3z5jCE2c_QrbTt1LyU6Hbz5d5Mn



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[5] https://urldefense.com/v3/__https://www.google.com/url?q=https:*Adps.aas.org*jobs-list*all&s a=D&source=editors&ust=1653249752408478&usg=AOvVaw06EsnYCKfZRCNUOtyf67id __;Ly8vLw!!!Llr3w8kk_Xxm!v2TOoiBHyoNfVRY4t1xWBDq3z5jCE2c_QrbTt1LyU6Hbz5d5Mn1vwaotpGoXKH oSEw0fqDqrRkTceMU7JA\$

[6] https://urldefense.com/v3/__https://www.google.com/url?q=https:*Adps.aas.org*node*add*job& ;sa=D&source=editors&ust=1653249752408834&usg=AOvVaw1j1eo73I6Emrbi1nb5oDV 6__;Ly8vLy8!!!Llr3w8kk_Xxm!v2TOoiBHyoNfVRY4t1xWBDq3z5jCE2c_QrbTt1LyU6Hbz5d5Mn1vwaotpGoXK HoSEw0fqDqrRkT3nTuhPA\$

[7] https://urldefense.com/v3/__https://www.google.com/url?q=https:*Agcc02.safelinks.protection.outlo ok.com*Aurl*3Dhttps*253A*252F*252Fwww.usajobs.gov*252FGetJob*252FViewDetails*252F65501690 0*26data*3D05*257C01*257C*david.m.hollibaughbaker*2540nasa.gov*257C8e94d9ec4e624501584108 da39d5a051*257C7005d45845be48ae8140d43da96dd17b*257C0*257C0*257C637885886920206555* 257CUnknown*257CTWfPbGZsb3d8eyjWljoimc4wLjAwMDAiLCJQljoiv2luMzliLCBTil6lk1haWwiLCjXVCl6M n0*253D*257C3000*257C*257C*257C*26sdata*3D5QVEvcZ24s2n*252BJ49QU5B01bKjngxv*252Bt0ZIIM qlkvTd8*253D*26reserved*3D0&sa=D&source=editors&ust=1653249752411251& usg=AOvVaw2zfEwae2GlqmkYwR-BG2Z__;Ly8vPyUlJSUIJSUIJSUIJSUIJSUIJSUIJSUIJSUIJSU!!Llr3w8kk_X xm!v2TOoiBHyoNfVRY4t1xWBDq3z5jCE2c_QrbTt1LyU6Hbz5d5Mn1vwaotpGoXKHoSew0fqDqrRkQoMUHy 5w\$

[8] https://urldefense.com/v3/__https://www.google.com/url?q=https:*Adps.aas.org*content*postdoctor al-scholar-climate-exoplanets-andor-mars&sa=D&source=editors&ust=16532497524123 40&usg=AOvVaw1NROcrVeOLsX1dGtP2V-0i__;Ly8vLw!!!Llr3w8kk_Xxm!v2TOoiBHyoNfVRY4t1xWBD q3z5jCE2c_QrbTt1LyU6Hbz5d5Mn1vwaotpGoXKHoSew0fqDqrRkTRbl1LpA\$

[9] https://urldefense.com/v3/__https://www.google.com/url?q=https:*Adps.aas.org*content*section-ma nager-planetary-sciences-section&sa=D&source=editors&ust=1653249752413297& ;usg=AOvVaw38SxhoBey3j_bEODPn0b2C__;Ly8vLw!!!Llr3w8kk_Xxm!v2TOoiBHyoNfVRY4t1xWBDq3z5jCE 2c_QrbTt1LyU6Hbz5d5Mn1vwaotpGoXKHoSew0fqDqrRkRjd8tSQg\$

[10] https://urldefense.com/v3/__https://www.google.com/url?q=https:*Awww.usajobs.gov*job*652774 100&sa=D&source=editors&ust=1653249752414969&usg=AOvVaw2hdE75yb0t1S A2cb0vsB8T__;Ly8vLw!!!Llr3w8kk_Xxm!v2TOoiBHyoNfVRY4t1xWBDq3z5jCE2c_QrbTt1LyU6Hbz5d5Mn1v waotpGoXKHoSew0fqDqrRkTn7JTp7Q\$

[11] mailto:privacy@aas.org

[12] https://urldefense.com/v3/__https://aas.org/about/policies/privacy-policy__;!!Llr3w8kk_Xxm!v2TOoiB HyoNfVRY4t1xWBDq3z5jCE2c_QrbTt1LyU6Hbz5d5Mn1vwaotpGoXKHoSew0fqDqrRkSpE22i7w\$

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