

# Newsletter 22-11

Issue 22-11, May 08, 2022

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## FARINELLA PRIZE DEADLINE EXTENDED TO MAY 15TH

This year's topic is: Asteroids: Physics, Dynamics, Modeling and Observations

The Prize is part of the Europlanet Society activities and is awarded at the yearly EPSC, which this year will be held in Granada (Spain).

All information about the Prize as well as nomination forms can be found at:

<https://www.europlanet-society.org/call-farinella-2022/> [1]  
<https://www.europlanet-society.org/call-farinella-2022/> [2]

Please, feel free to handle this announcement to whomever you may think interested in nominating any candidate.

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IN MEMORIAM: KLAUS KEIL (1939-2022)

Klaus Keil was Emeritus Professor, former Director of the Hawai`i Institute of Geophysics and Planetology, and former Interim Dean of the School of Ocean and Earth Science and Technology. Klaus was an outstanding scientist, spectacular mentor, educator, and leader, dedicated family man, and enthusiastic tennis player. His academic and science leadership skills glittered at the University of Hawai`i since 1990 and at the Institute of Meteoritics at the University of New Mexico from 1968 to 1990.

Klaus was a pioneer in the use of the electron microprobe in meteoritics and in petrology and mineralogy in general. In the early 1960s, he worked with colleagues at NASA Ames Research Center, Ray Fitzgerald and Kurt Heinrich, to make the first energy dispersive X-ray spectrometer for use in microanalysis. This device was the first to focus on terrestrial and extraterrestrial geological materials, and the first to use a solid-state lithium-drifted Si detector. Over his long and illustrious career, Klaus studied practically every type of meteorite and lunar sample, addressing big problems in planetary science, from chondrule formation to pyroclastic eruptions on the Moon and achondritic bodies, from asteroid disruption to the composition of the Martian surface.

His accomplishments were recognized through awards of the Leonard Medal from the Meteoritical Society, the J. Lawrence Smith Medal of the National Academy of Sciences, and election as a Legends Fellow of the Microanalysis Society, in addition to numerous other accolades including the main belt asteroid Keil and the extraterrestrial mineral keilite, (Fe,Mg)S, named in his honor.

Edited for length; longer version here:

<https://meteoritical.org/news/klaus-keil-1934-2022> [3]

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ECLIPSE SOUNDSCAPES: CITIZEN SCIENCE PROJECT SURVEY

Last summer, we learned that approximately half of the scientists and engineers who responded to another survey were interested in learning more about how to make their work more accessible. In this short survey (less than 10 minutes) we hope to gather information about your specific accessibility training needs.

Your responses will directly impact future accessibility training opportunities offered by Eclipse Soundscapes: Citizen Science Project (ES:CSP) and shared by NASA SMD Community of Practice for Education (SCoPE), so we hope you will consider completing this survey. You may access the survey at the following link: [\\_](#) [4]





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observations or research. Experience with observation techniques, programming languages, and Linux systems is preferred, but not required.

To apply: <https://jobs.ucf.edu/en-us/job/502155/postdoctoral-scholar-planetary-radar-arecibo-observatory> [15]

## B. NASA Postdoctoral Fellowship

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.

Search for NPP research opportunities in Planetary Science here:

[NPP Research Opportunities](#) [16].

Applicants must have a Ph.D. or equivalent degree in hand before beginning the fellowship, but may apply while completing the degree requirements. Please see current [eligibility](#) [18] requirements. Stipends start at \$63,000 per year, with supplements for higher 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 travel and professional development.

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

For further information and to apply, visit:

<https://npp.orau.org/applicants/index.html> [19].

Questions: [npp@orau.org](mailto:npp@orau.org) [20]

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Send submissions to: Maria Womack, DPS Secretary ([dpssec@aas.org](mailto:dpssec@aas.org) [21])

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- [2] [https://urldefense.com/v3/\\_\\_https://www.google.com/url?q=https:\\*\\*Awww.europlanet-society.org\\*cal-l-farinella-2022\\*&sa=D&source=editors&ust=1652058380347967&usg=AOvVaw3NLDVPypcbT7vywnCgAeHc\\_\\_;Ly8vLw!!Llr3w8kk\\_Xxm!qdt699bSuTI-QvPI9--hy50j7Qweldlkoj\\_zyX8zV0qa4B6P\\_1zuMqXXbCA7Omz3qPSUdbmedgclQ3-QvLcw\\$](https://urldefense.com/v3/__https://www.google.com/url?q=https:**Awww.europlanet-society.org*cal-l-farinella-2022*&sa=D&source=editors&ust=1652058380347967&usg=AOvVaw3NLDVPypcbT7vywnCgAeHc__;Ly8vLw!!Llr3w8kk_Xxm!qdt699bSuTI-QvPI9--hy50j7Qweldlkoj_zyX8zV0qa4B6P_1zuMqXXbCA7Omz3qPSUdbmedgclQ3-QvLcw$)
- [3] [https://urldefense.com/v3/\\_\\_https://www.google.com/url?q=https:\\*\\*Ameteoritical.org\\*news\\*klaus-kei-l-1934-2022&sa=D&source=editors&ust=1652058380349088&usg=AOvVaw1HqQdqaLBLM4r789TGCp62\\_\\_;Ly8vLw!!Llr3w8kk\\_Xxm!qdt699bSuTI-QvPI9--hy50j7Qweldlkoj\\_zyX8zV0qa4B6P\\_1zuMqXXbCA7Omz3qPSUdbmedgclQ3DJN1uC\\$](https://urldefense.com/v3/__https://www.google.com/url?q=https:**Ameteoritical.org*news*klaus-kei-l-1934-2022&sa=D&source=editors&ust=1652058380349088&usg=AOvVaw1HqQdqaLBLM4r789TGCp62__;Ly8vLw!!Llr3w8kk_Xxm!qdt699bSuTI-QvPI9--hy50j7Qweldlkoj_zyX8zV0qa4B6P_1zuMqXXbCA7Omz3qPSUdbmedgclQ3DJN1uC$)
- [4] [https://urldefense.com/v3/\\_\\_https://www.google.com/url?q=https:\\*\\*Aasu.co1.qualtrics.com\\*jfe\\*form\\*SV\\_ac6dVezD0rtEEQu&sa=D&source=editors&ust=1652058380349878&usg=AOvVaw3Opbcb0mnlD9L5BdCW0KF7o\\_\\_;Ly8vLy8!!Llr3w8kk\\_Xxm!qdt699bSuTI-QvPI9--hy50j7Qweldlkoj\\_zyX8zV0qa4B6P\\_1zuMqXXbCA7Omz3qPSUdbmedgclQw7BdgBN\\$](https://urldefense.com/v3/__https://www.google.com/url?q=https:**Aasu.co1.qualtrics.com*jfe*form*SV_ac6dVezD0rtEEQu&sa=D&source=editors&ust=1652058380349878&usg=AOvVaw3Opbcb0mnlD9L5BdCW0KF7o__;Ly8vLy8!!Llr3w8kk_Xxm!qdt699bSuTI-QvPI9--hy50j7Qweldlkoj_zyX8zV0qa4B6P_1zuMqXXbCA7Omz3qPSUdbmedgclQw7BdgBN$)
- [5] [https://urldefense.com/v3/\\_\\_https://www.google.com/url?q=https:\\*\\*Aasu.co1.qualtrics.com\\*jfe\\*form\\*SV\\_88QEHFMWAcYOepM\\*survey\\_source\\*3Darisa&sa=D&source=editors&ust=1652058380350176&usg=AOvVaw3AhD9ZWewqQWt00Rkcty1o\\_\\_;Ly8vLy8\\_JQ!!Llr3w8kk\\_Xxm!qdt699bSuTI-QvPI9--hy50j7Qweldlkoj\\_zyX8zV0qa4B6P\\_1zuMqXXbCA7Omz3qPSUdbmedgclQ5NCcoxh\\$](https://urldefense.com/v3/__https://www.google.com/url?q=https:**Aasu.co1.qualtrics.com*jfe*form*SV_88QEHFMWAcYOepM*survey_source*3Darisa&sa=D&source=editors&ust=1652058380350176&usg=AOvVaw3AhD9ZWewqQWt00Rkcty1o__;Ly8vLy8_JQ!!Llr3w8kk_Xxm!qdt699bSuTI-QvPI9--hy50j7Qweldlkoj_zyX8zV0qa4B6P_1zuMqXXbCA7Omz3qPSUdbmedgclQ5NCcoxh$)
- [6] [https://urldefense.com/v3/\\_\\_https://www.google.com/url?q=https:\\*\\*Ascience.nasa.gov\\*learners&sa=D&source=editors&ust=1652058380350667&usg=AOvVaw21WvGBqwueveOZmLe9ZZB\\_\\_;Ly8v!!Llr3w8kk\\_Xxm!qdt699bSuTI-QvPI9--hy50j7Qweldlkoj\\_zyX8zV0qa4B6P\\_1zuMqXXbCA7Omz3qPSUdbmedgclQ2FT7RYZ\\$](https://urldefense.com/v3/__https://www.google.com/url?q=https:**Ascience.nasa.gov*learners&sa=D&source=editors&ust=1652058380350667&usg=AOvVaw21WvGBqwueveOZmLe9ZZB__;Ly8v!!Llr3w8kk_Xxm!qdt699bSuTI-QvPI9--hy50j7Qweldlkoj_zyX8zV0qa4B6P_1zuMqXXbCA7Omz3qPSUdbmedgclQ2FT7RYZ$)
- [7] [https://urldefense.com/v3/\\_\\_https://www.google.com/url?q=https:\\*\\*Ascience.nasa.gov\\*learners&sa=D&source=editors&ust=1652058380350788&usg=AOvVaw115ZGRAetca25RuTI0DZE-\\_\\_;Ly8v!!Llr3w8kk\\_Xxm!qdt699bSuTI-QvPI9--hy50j7Qweldlkoj\\_zyX8zV0qa4B6P\\_1zuMqXXbCA7Omz3qPSUdbmedgclQ044OZ\\_0\\$](https://urldefense.com/v3/__https://www.google.com/url?q=https:**Ascience.nasa.gov*learners&sa=D&source=editors&ust=1652058380350788&usg=AOvVaw115ZGRAetca25RuTI0DZE-__;Ly8v!!Llr3w8kk_Xxm!qdt699bSuTI-QvPI9--hy50j7Qweldlkoj_zyX8zV0qa4B6P_1zuMqXXbCA7Omz3qPSUdbmedgclQ044OZ_0$)
- [8] [https://urldefense.com/v3/\\_\\_https://www.google.com/url?q=https:\\*\\*Ascience.nasa.gov\\*learners\\*scie](https://urldefense.com/v3/__https://www.google.com/url?q=https:**Ascience.nasa.gov*learners*scie)

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[10] [https://urldefense.com/v3/\\_https://www.google.com/url?q=https:\\*\\*Aurldefense.com\\*v3\\*\\_https:\\*www.google.com\\*url\\*q\\*3Dhttps:\\*\\*AAurldefense.com\\*v3\\*\\_https:\\*www.lpi.usra.edu\\*sbag\\*meetings\\*\\_\\_!D-JDmu3Lc2wo0Jiybg!PYr\\_oMGSGgckH0UxmHwRWF3FWBMvfand1n2zjL6vJZeR1Xv5P9cguRDnSurnBnlX3BEQ\\$\\*26sa\\*3DD\\*26source\\*3Deditors\\*26ust\\*3D1651021138983384\\*26usg\\*3DAOvVaw3FSVdk7fur!Ng9eFHqr9eG\\_\\_Ly8vLy8vLy8!!Llr3w8kk\\_XXm!sHFwm1H4LSZNxsLT0FUUCDHDKT2I9xluy4hbhsxE-FOEN7FGL4I6nHHS\\_QcwNGGSakLytyR9MwCH6B-9HmtE\\$&sa=D&source=editors&ust=1652058380352307&usg=AOvVaw3Hzv7ZGtAbv7n6Orwml9Hz\\_\\_Ly8vLy8vPyUqKioqKioqKiUlJSUIJSUI!!Llr3w8kk\\_XXm!qdt699bSuTI-QvPI9--hy50j7Qweldlkoj\\_zyX8zV0qa4B6P\\_1zuMqXXbCA7Omz3qPSUdbmedgclQ6dXc5-5\\$](https://urldefense.com/v3/_https://www.google.com/url?q=https:**Aurldefense.com*v3*_https:*www.google.com*url*q*3Dhttps:**AAurldefense.com*v3*_https:*www.lpi.usra.edu*sbag*meetings*__!D-JDmu3Lc2wo0Jiybg!PYr_oMGSGgckH0UxmHwRWF3FWBMvfand1n2zjL6vJZeR1Xv5P9cguRDnSurnBnlX3BEQ$*26sa*3DD*26source*3Deditors*26ust*3D1651021138983384*26usg*3DAOvVaw3FSVdk7fur!Ng9eFHqr9eG__Ly8vLy8vLy8!!Llr3w8kk_XXm!sHFwm1H4LSZNxsLT0FUUCDHDKT2I9xluy4hbhsxE-FOEN7FGL4I6nHHS_QcwNGGSakLytyR9MwCH6B-9HmtE$&sa=D&source=editors&ust=1652058380352307&usg=AOvVaw3Hzv7ZGtAbv7n6Orwml9Hz__Ly8vLy8vPyUqKioqKioqKiUlJSUIJSUI!!Llr3w8kk_XXm!qdt699bSuTI-QvPI9--hy50j7Qweldlkoj_zyX8zV0qa4B6P_1zuMqXXbCA7Omz3qPSUdbmedgclQ6dXc5-5$)

[11] <mailto:stephanie.jarmak@swri.org>

[12] [https://urldefense.com/v3/\\_https://www.google.com/url?q=https:\\*\\*Ameetingorganizer.copernicus.org\\*EPSC2022\\*abstractsubmission\\*44575&sa=D&source=editors&ust=1652058380353249&usg=AOvVaw1G\\_aOPElrKmln5sBd4\\_S-1\\_\\_Ly8vLy8!!Llr3w8kk\\_XXm!qdt699bSuTI-QvPI9--hy50j7Qweldlkoj\\_zyX8zV0qa4B6P\\_1zuMqXXbCA7Omz3qPSUdbmedgclQ-6wvdg\\_\\$](https://urldefense.com/v3/_https://www.google.com/url?q=https:**Ameetingorganizer.copernicus.org*EPSC2022*abstractsubmission*44575&sa=D&source=editors&ust=1652058380353249&usg=AOvVaw1G_aOPElrKmln5sBd4_S-1__Ly8vLy8!!Llr3w8kk_XXm!qdt699bSuTI-QvPI9--hy50j7Qweldlkoj_zyX8zV0qa4B6P_1zuMqXXbCA7Omz3qPSUdbmedgclQ-6wvdg_$)

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[15] [https://urldefense.com/v3/\\_https://www.google.com/url?q=https:\\*\\*Ajobs.ucf.edu\\*en-us\\*job\\*502155\\*postdoctoral-scholar-planetary-radar-arecibo-observatory&sa=D&source=editors&ust=1652058380355253&usg=AOvVaw2umbfcc6Yv5sQmCHs3g0dm\\_\\_Ly8vLy8v!!Llr3w8kk\\_XXm!qdt699bSuTI-QvPI9--hy50j7Qweldlkoj\\_zyX8zV0qa4B6P\\_1zuMqXXbCA7Omz3qPSUdbmedgclQ0Eef90T\\$](https://urldefense.com/v3/_https://www.google.com/url?q=https:**Ajobs.ucf.edu*en-us*job*502155*postdoctoral-scholar-planetary-radar-arecibo-observatory&sa=D&source=editors&ust=1652058380355253&usg=AOvVaw2umbfcc6Yv5sQmCHs3g0dm__Ly8vLy8v!!Llr3w8kk_XXm!qdt699bSuTI-QvPI9--hy50j7Qweldlkoj_zyX8zV0qa4B6P_1zuMqXXbCA7Omz3qPSUdbmedgclQ0Eef90T$)

[16] [https://urldefense.com/v3/\\_https://www.google.com/url?q=https:\\*\\*Anpp.orau.org\\*applicants\\*opportunities.html&sa=D&source=editors&ust=1652058380355944&usg=AOvVaw2QU7VA0KtAd0loN3VlbnGU\\_\\_Ly8vLw!!Llr3w8kk\\_XXm!qdt699bSuTI-QvPI9--hy50j7Qweldlkoj\\_zyX8zV0qa4B6P\\_1zuMqXXbCA7Omz3qPSUdbmedgclQz0UtpTQ\\$](https://urldefense.com/v3/_https://www.google.com/url?q=https:**Anpp.orau.org*applicants*opportunities.html&sa=D&source=editors&ust=1652058380355944&usg=AOvVaw2QU7VA0KtAd0loN3VlbnGU__Ly8vLw!!Llr3w8kk_XXm!qdt699bSuTI-QvPI9--hy50j7Qweldlkoj_zyX8zV0qa4B6P_1zuMqXXbCA7Omz3qPSUdbmedgclQz0UtpTQ$)

[17] [https://urldefense.com/v3/\\_https://www.google.com/url?q=https:\\*\\*Anpp.orau.org\\*applicants\\*eligibility.html&sa=D&source=editors&ust=1652058380356325&usg=AOvVaw3KzGgGn9qQSQ\\_oec227XfO\\_\\_Ly8vLw!!Llr3w8kk\\_XXm!qdt699bSuTI-QvPI9--hy50j7Qweldlkoj\\_zyX8zV0qa4B6P\\_1zuMqXXbCA7Omz3qPSUdbmedgclQ08NI23y\\$](https://urldefense.com/v3/_https://www.google.com/url?q=https:**Anpp.orau.org*applicants*eligibility.html&sa=D&source=editors&ust=1652058380356325&usg=AOvVaw3KzGgGn9qQSQ_oec227XfO__Ly8vLw!!Llr3w8kk_XXm!qdt699bSuTI-QvPI9--hy50j7Qweldlkoj_zyX8zV0qa4B6P_1zuMqXXbCA7Omz3qPSUdbmedgclQ08NI23y$)

[18] [https://urldefense.com/v3/\\_https://www.google.com/url?q=https:\\*\\*Anpp.orau.org\\*applicants\\*eligibility.html&sa=D&source=editors&ust=1652058380356454&usg=AOvVaw3zSI8g\\_NIbzGYACrA9Nk62\\_\\_Ly8vLw!!Llr3w8kk\\_XXm!qdt699bSuTI-QvPI9--hy50j7Qweldlkoj\\_zyX8zV0qa4B6P\\_1zuMqXXbCA7Omz3qPSUdbmedgclQ8hdeWeQ\\$](https://urldefense.com/v3/_https://www.google.com/url?q=https:**Anpp.orau.org*applicants*eligibility.html&sa=D&source=editors&ust=1652058380356454&usg=AOvVaw3zSI8g_NIbzGYACrA9Nk62__Ly8vLw!!Llr3w8kk_XXm!qdt699bSuTI-QvPI9--hy50j7Qweldlkoj_zyX8zV0qa4B6P_1zuMqXXbCA7Omz3qPSUdbmedgclQ8hdeWeQ$)

[19] [https://urldefense.com/v3/\\_https://www.google.com/url?q=https:\\*\\*Anpp.orau.org\\*applicants\\*index.html&sa=D&source=editors&ust=1652058380357028&usg=AOvVaw1FYCLz7hx8yznKTOYL1rJn\\_\\_Ly8vLw!!Llr3w8kk\\_XXm!qdt699bSuTI-QvPI9--hy50j7Qweldlkoj\\_zyX8zV0qa4B6P\\_1zuMqXXbCA7Omz3qPSUdbmedgclQ8BX5DPP\\$](https://urldefense.com/v3/_https://www.google.com/url?q=https:**Anpp.orau.org*applicants*index.html&sa=D&source=editors&ust=1652058380357028&usg=AOvVaw1FYCLz7hx8yznKTOYL1rJn__Ly8vLw!!Llr3w8kk_XXm!qdt699bSuTI-QvPI9--hy50j7Qweldlkoj_zyX8zV0qa4B6P_1zuMqXXbCA7Omz3qPSUdbmedgclQ8BX5DPP$)

[20] <mailto:npp@orau.org>

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

[22] <mailto:privacy@aaas.org>

[23] [https://urldefense.com/v3/\\_https://aas.org/about/policies/privacy-policy\\_\\_!Llr3w8kk\\_XXm!qdt699bSuTI-QvPI9--hy50j7Qweldlkoj\\_zyX8zV0qa4B6P\\_1zuMqXXbCA7Omz3qPSUdbmedgclQx-wwaAR\\$](https://urldefense.com/v3/_https://aas.org/about/policies/privacy-policy__!Llr3w8kk_XXm!qdt699bSuTI-QvPI9--hy50j7Qweldlkoj_zyX8zV0qa4B6P_1zuMqXXbCA7Omz3qPSUdbmedgclQx-wwaAR$)



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