

Newsletter 16-31

Issue 16-31, August 24, 2016

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REMINDERS FOR UPCOMING DPS 48/EPSC 11 DEADLINES

Pasadena, CA, 16-21 October 2016 at the Pasadena Convention Center

<https://aas.org/meetings/dps48> [1]

* Important dates

- 14 September 2016: Hotel Reservations Deadline

- 16 September 2016: Dependent Care Grant Application Deadline

The DPS is grateful to our Meeting Sponsors:

The Johns Hopkins Applied Physics Laboratory

AURA

Nature Astronomy

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Universities Space Research Association (USRA)

VORTICES

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NEW HORIZONS KUIPER BELT EXTENDED MISSION

SCIENCE PLANNING OPPORTUNITY

The centerpiece of the proposed New Horizons Kuiper Belt Extended Mission (NH-KEM) is the very close flyby of the 20-40 km wide KBO 2014 MU69 on 1 January 2019. NH-KEM will also observe ~20 other KBOs at phase angles and/or at resolutions not otherwise possible, producing a unique database of KBO phase curves, satellite searches, and ring searches.

On July 1 NASA approved the NH-KEM, which included plans to reach out to the planetary community for ideas to optimize the scientific return.

The NH Project is holding two KEM WebEx workshops, one from 1-3 pm EDT on Sep 13 and one from 1-4 pm EDT on Oct 10, to discuss potential community involvement in planning the NH-KEM. If you're interested in participating in these workshops, please send an email ASAP to the NH Project Scientist, Hal Weaver (hal.weaver@jhuapl.edu [2]). He will then provide you with further details about these workshops.

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ANNOUNCEMENT OF UPCOMING ASTEROID REDIRECT MISSION

OPPORTUNITIES

NASA's [Asteroid Redirect Mission Umbrella for Partnerships](#) [3] (ARM-UP) Broad Agency Announcement (BAA) will seek proposals in research areas including partner-provided investigations through systems or payloads to be hosted on the robotic segment of the ARM; collaboration through the ARM Investigation Team to support definition of additional mission investigations; studies to define mission partnership opportunities toward NASA's planned crewed mission to the multi-ton asteroid boulder; and opportunities for access and experimentation at the asteroid boulder after the crewed mission.

The full BAA Solicitation, with two appendices, is expected to be issued in early September. The ARM-UP BAA will remain open until August 2018, with additional opportunities announced as appendices with their own applicable requirements and milestones.

The first two appendices issued under the omnibus solicitation will be released at the same time as the umbrella BAA. Synopses of the appendices are available on FedBizOpps at:

- [Appendix A \(NNH16ZCO002K-HP\): Hosted Payloads on Asteroid Redirect Robotic Mission](#) [4]
- [Appendix B \(NNH16ZCO002K-ITP1\): ARM Investigation Team Phase 1](#) [5]

NASA plans to host a virtual industry forum Sept. 14, 2016 to provide more information.

Details will be made available on the [ARM](#) [6] and on the [NSPIRES](#) [7] web pages.

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JOBS, POSITIONS, OPPORTUNITIES

A) COMETS/ROSETTA INFRARED DATA

Observatory of Paris

Meudon, France

Deadline: September 25, 2016

<https://dps.aas.org/content/cometsrosetta-infrared-data> [8]

B) POSTDOCTORAL POSITION IN EXOPLANETARY SCIENCES

University of Amsterdam

Amsterdam, Netherlands

Deadline: September 1, 2016

<https://dps.aas.org/node/1705> [9]

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UPCOMING MEETINGS

A) USHERING IN THE NEW AGE OF MICROLENSING FROM SPACE

21st International Microlensing Conference

February 1-3, 2017

Pasadena, CA

½ Day Microlensing Workshop

January 31, 2017

Pasadena, CA

<http://nexsci.caltech.edu/conferences/2017/microlensing/> [10]

B) USER TRAINING IN JWST DATA ANALYSIS WORKSHOP

November 9-11, 2016

Space Telescope Science Institute

Baltimore, Maryland

<https://jwst.stsci.edu/events/events-area/stsci-events-listing-container/user-training-in-jwst-data-analysis-ii?mwc=4> [11]

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Send submissions to:

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

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Links:

[1] <https://aas.org/meetings/dps48>

[2] <mailto:hal.weaver@jhuapl.edu>

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- [3] <https://www.fbo.gov/index?s=opportunity&mode=form&tab=core&id=2ea8e54758b0f18ba01674ea9694e92a>
 - [4] <https://www.fbo.gov/index?s=opportunity&mode=form&tab=core&id=11eaef020c80babcd7e8861a60803b22>
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