

Newsletter 13-17

Issue 13-17, July 04, 2013

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45TH MEETING OF THE DIVISION FOR PLANETARY SCIENCES (DPS 2013) : CALL FOR PAPERS, EVENTS AND NIEBUR FUND

Denver, CO, 6-11 October 2013

<http://aas.org/meetings/45th-meeting-division-planetary-sciences> [1]

Regular abstract deadline : July 18 9:00pm EDT. See

<http://aas.org/meetings/45th-meeting-division-planetary-sciences> [1] for information.

See in particular <http://aas.org/dps-45th-meeting/45th-dps-meeting-abstract-and-presentati...> [2] and go to:

http://abstracts.aas.org/abstract_pass/dps [3]

The DPS Science Program is coming together. There will be a wide range of invited plenary talks including the following subjects and speakers:

- Voyager and the heliopause (Ed Stone);
- The Chelyabinsk event (Mark Boslough);
- 20 years of Kuiper Belt exploration (Hilke Schlichting);
- M-dwarf planets (Phillip Muirhead);
- Seasonal change on Titan (Caitlin Griffith);
- End-of-the world scares (David Morrison, joint with the AAS Historical Astronomy Division); and
- MSL's first year on Mars (TBD).

We also expect plenary talks by the Urey and Kuiper prize winners.

Other events will include a public talk by the Sagan medalist; a reading of Dave Sobel's play about Copernicus, "And the Sun Stood Still" by a local professional theater company; a display of astronomical art, and an art gallery night, organized by the International Association of Astronomical Artists; a professional/amateur astronomer workshop; and a banquet at the Denver Museum of Nature and Science.

Please also remember to donate to the new professional development award for planetary scientists, the Susan Niebur Professional Development Fund. The fund will provide financial assistance to qualifying DPS members to facilitate their attendance at the annual DPS meeting by offsetting dependent-care costs, either at the meeting location or at home during the week of the conference. In this, its inaugural year, the Susan Niebur Professional Development Fund will support Dependent Care Grants for the 45th

annual meeting of the DPS in Denver, Colorado, 6-11 October 2013.

More information about the new fund, including how to donate:

<http://dps.aas.org/development/susan-niebur-professional-development-fund> [4]

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JOINT MEETING OF THE HISTORICAL ASTRONOMY DIVISION WITH DPS 2013: ANNOUNCEMENT AND CALL FOR PAPERS

Denver CO, 6-11 October 2013

AAS's Historical Astronomy Division (HAD) will meet jointly with DPS in Denver. It is to be the first joint DPS-HAD meeting since Cambridge, England, in 2005.

There will be a session of invited papers on Monday morning and posters on Monday afternoon. Joint activities with DPS will include a plenary lecture on Monday afternoon, and a play on Monday night. If enough people ask to give oral papers, we could schedule a contributed-paper session on Tuesday morning. Poster or oral presentations in the HAD sessions will not count against the quota of one paper for DPS.

The invited paper session, organized and chaired by HAD Chair Jay Pasachoff, will include 3 talks totaling 90 minutes:

- David Levy, jarnac.org, Clyde Tombaugh, Discoverer of Pluto: A Personal Retrospective
- Derek Sears, NASA Ames, Gerard Kuiper and the Infrared Detector
- Don Yeomans, JPL, Rocks From Space: A Historical Perspective

The plenary lecture will be by David Morrison, NASA Ames, about his dealing with cosmic-catastrophe fears of the general public.

The play, ~7:30~9:30 on Monday, will be a special reading of Dava Sobel's play "And the Sun Stood Still," about Copernicus and Rheticus. It is revised from the version that appeared in Ms. Sobel's book "A More Perfect Heaven," which includes chapters about Copernicus and Rheticus before and after the play.

Abstracts may be submitted by the July 18 deadline via the DPS meeting web site,

<http://aas.org/meetings/45th-meeting-division-planetary-sciences> [1] - choose "Historical Astronomy Division Abstract Submission" from the "Presentation Type" page.

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REMINDER : JULY 19, 2013: THE DAY THE EARTH SMILED

On July 19, 2013, the Cassini spacecraft will be turned to image Saturn and its entire ring system during a total eclipse of the sun, as it has done twice before during its previous 9 years in orbit.

But this time will be very different. This time, the images to be collected will capture, in natural color, a glimpse of our own planet next to Saturn and its rings on a day that will be the first time the Earth's inhabitants know in advance their picture will be taken from a billion miles away.

For more information and to participate, see:

http://ciclops.org/view_event/193/ [5]

<http://saturn.jpl.nasa.gov/news/waveatsaturn/> [6]

<http://www.astronomerswithoutborders.org/> [7]

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REMINDER OF DPS ELECTIONS

PLEASE REMEMBER TO VOTE !!

The 2013 election for DPS Vice-Chair and Committee is now open, and will close on July 31st 2013.

To vote, go to

<http://aas.org/vote/> [8]

You will need your AAS member login ID (which defaults to your membership number), and your password. If you haven't registered to or renewed your DPS membership recently, you are getting this e-mail because we are using large recent DPS lists, but you may actually not be an active member anymore... So, please take a moment to check your status now and renew if you haven't done so already. This will allow you to vote and benefit from all membership advantages.

And if you haven't already done so, renew online at <https://members.aas.org/> [9] by logging into your membership record. You must have your login and password information. Also, please take a moment to update your personal DPS member file.

If you have any problems, and for general replies, or if you are a special status (affiliate, etc) write to or call :

Faye Peterson

Director of Membership Services

Peterson@aas.org [10]

202.328.2010, extension 109

202.234.2560, fax

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CALL FOR PARTICIPATION - TRAINING OPPORTUNITY IN PLANETARY STEREO IMAGING

Photogrammetric Processing of Planetary Stereo Imagery using ISIS and SOCET SET®, September 23-25, 2013

The Planetary Photogrammetry Guest Facility at the Astrogeology Science Center of the U.S. Geological Survey would like to announce a new Call for Participation for a training opportunity on September 23-25, 2013, on Photogrammetric Processing of Planetary Stereo Imagery using ISIS and SOCET SET®. The training is free to participants, and will cover end-to-end, hands-on photogrammetric procedures for surface extraction from Mars HiRISE images. The topics include

- An introduction to photogrammetric procedures and surface generation techniques;
- Overview of HiRISE imagery; and
- Workflow and data exchange between ISIS and SOCET SET.

The hands-on training will include ISIS preprocessing, SOCET SET import of image and reference data, orientation procedures, triangulation and bundle adjustment, manual and automated surface extraction of digital terrain models (DTM), editing, and data export.

This session has already been announced earlier and most of the seats are already assigned so remaining seats are very limited. We are offering the opportunity to compliment the current list, as well as be on a waiting list in case of a cancellation. We also have initial plans on offering another training session either in November or December, 2013 on the same topic. If these dates are more convenient for your attendance, please let us know as well.

If you are interested in participating in this opportunity, please send an email to Dr. Raad Saleh (PlanetaryPhotogrammetry@usgs.gov [11]) with the following specific information: your name, title, affiliation, address, full contact information, and a short statement describing your interest in the training.

Please note the following:

1. Training will be 3 days, from Monday through Wednesday, September 23-25, 2013.
2. The training will be based exclusively on a standard set of HiRISE stereo images.
3. While this hands-on training will be based on HiRISE images, it would be our pleasure to advise participants on the suitability of other planetary cameras for their research projects. Furthermore, we can provide one-on-one support to producing DTMs at later days.
4. If you would like to stay longer (after this training) or come at a later date to generate your own products using the Guest Facility, please let us know the kind of images you would be using and how many DTMs you hope to produce so that we can schedule your visit accordingly.
5. For more information about the Guest Facility, and for Frequently Asked Questions, please visit: <http://astrogeology.usgs.gov/geology/photogrammetry-guest-facility> [12]. Go to Downloads at the bottom of the page and follow the link "Planetary Photogrammetry Guest Facility FAQ".
6. If you are interested in ISIS training, please see: <http://isis.astrogeology.usgs.gov/IsisWorkshop/index.php/IsisWorkshop> [13]

Please do not hesitate to contact me directly if you have any questions or require further information. Thank you.

Contact: Dr. Raad Saleh, Training Coordinator, The Planetary Photogrammetry Guest Facility
Email: PlanetaryPhotogrammetry@usgs.gov [11]

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JOB/POSITION OPPORTUNITIES

For all Job opportunities, please visit <http://dps.aas.org/jobs> [14] and also consider posting a job by filling out the jobs submission form at: <http://dps.aas.org/node/add/job> [15]

You can send any comments, questions, or suggestions to the DPS Jobs Czar at: dpsjobs@aas.org [16]

A) POSTDOCTORAL POSITION ON VENUS SCIENCE AT PARIS OBSERVATORY

The position is available on Oct. 1, 2013 for a duration of two years, to work on millimeter-observations of Venus' atmosphere obtained with the ALMA interferometer.

The successful candidate will lead high profile research based on exploitation of ESO/Atacama Large Millimeter/submillimeter Array (ALMA) observations of Venus' upper atmosphere chemistry and dynamics. His/her main work will be in the analysis, modeling and interpretation of the upper atmosphere structure, variability of trace species (CO, HDO, SO, SO₂), wind measurements and their spatial and temporal variability at different vertical levels. The work will be carried out in Laboratoire d'Etudes Spatiales et d'Instrumentation en Astrophysique (LESIA), a department of Paris Observatory in Meudon in collaboration with Drs T. Encrenaz, R. Moreno, E. Lellouch.

Candidates should have a PhD in atmospheric science, with strong background in radiative transfer modeling of planetary atmosphere in the millimeter/submillimeter range. Experience in data-reduction with radio-interferometer is highly desirable. Also essential are experience with scientific computing environments, and a reasonable number of high quality publications commensurate with stage of career.

Interested candidates should send a curriculum vitae, publication list and statement of research interests in electronic form (pdf) to thomas.widemann@obspm.fr [17]. Letters of reference can be sent separately or jointly with the application.

The position is funded by European Union in the framework of FP7-SPACE EuroVenus consortium. Women and young parents are strongly encouraged to apply.

Review of applications will begin July 24, 2013, and the position will remain open until filled. The net income is Eur. 2,370 per month. Eur. 2,500 per year is provided for professional travel.

Further information about the position can be obtained from Dr. Thomas Widemann (thomas.widemann@obspm.fr [17]).

B) ESA POSTDOCTORAL FELLOWSHIPS IN SPACE SCIENCE

The European Space Agency awards several postdoctoral fellowships each year. The aim of these fellowships is to provide young scientists, holding a PhD or the equivalent degree, with the means of performing space science research in fields related to the ESA Science and Robotic Exploration Programmes. Areas of research include planetary science, astronomy and astrophysics, solar and solar-terrestrial science, plasma physics and fundamental physics. The fellowships have a duration of two years and are tenable at the European Space Research and Technology Centre (ESTEC) in Noordwijk, Netherlands, or at the European Space Astronomy Centre (ESAC) in Villafranca del Castillo, near Madrid, Spain.

Applications are now solicited for fellowships in space science to begin in the fall of 2014. Preference will be given to applications submitted by candidates within five years of receiving their PhD. Candidates not holding a PhD yet are encouraged to apply, but they must provide evidence of receiving their degree before starting the fellowship.

ESA fellows are enrolled in ESA's Social Security Scheme, which covers medical expenses, invalidity and death benefits. A monthly deduction covers these short-term and long-term risks.

The deadline for applications is 1 October 2013.

More information on the ESA Research Fellowship programme in Space Science, on the conditions and eligibility, as well as the application form can be found on the world-wide web at this address:
<http://www.rssd.esa.int/fellowship> [18]

Questions on the scientific aspects of the ESA Fellowship in Space Science not answered in the above pages can be sent by e-mail to the fellowship coordinator, Dr. Guido De Marchi, at the address fellowship@rssd.esa.int [19]

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UPCOMING MEETINGS

See also: PLANETARY MEETING CALENDAR ADDITIONS

Posted at <http://planetarynews.org/meetings.html> [20]

A) AGU FALL MEETING

San Francisco, CA, December 9-13, 2013.

<http://fallmeeting.agu.org/2013/> [21]

Abstract Deadline - Tuesday, 6 August 2013

- SESSION P004 : CHARACTERIZING SMALL SOLAR SYSTEM BODIES

The composition and physical properties of Small Solar System Bodies (SSSBs), remnants of the formation of planets, are key to better understand our solar system. Increased knowledge of their surface properties and their potential as resources are also necessary to prepare for robotic and human exploration.

Hints about the internal structure and composition of SSSBs have been acquired recently thanks to flyby/rendezvous data from space missions, study of multiple asteroid systems, or close encounter between asteroids. This session welcomes abstracts on the internal structure and composition of SSSBs based on space and ground-based data, numerical models, and instrument/mission concepts in the prospect of future exploration.

Conveners: Franck Marchis (SETI Institute) and Julie Castillo-Rogez (JPL)

- SESSION: P008. ENCELADUS: LITTLE MOON, BIG POSSIBILITIES

With towering jets of icy particles and organic compounds deriving from a salty, subsurface sea, Enceladus likely offers the most accessible extraterrestrial habitable zone in our solar system. In this special session, now in its 8th year, we will focus on those topics relating to the origin and state of the moon's geologically active south polar terrain (SPT). These include observational, theoretical and modeling investigations of the composition, state, and dynamics of Enceladus' jets and plume, its thermal and interior state and evolution, and the geomorphology of the SPT and similar provinces. We also welcome studies addressing future spaceflight missions and the moon's potential for biological activity.

CURRENT SECTION/FOCUS GROUP: Earth and Planetary Surface Processes (EP)

CO-SPONSORING SECTION(S): Biogeosciences (B)

Conveners: Chris McKay, NASA, Moffett Field, CA, United States.

Carolyn Porco, Space Science Institute, Boulder, CO, United States.

- SESSION P018: MERCURY AFTER TWO YEARS OF MESSENGER ORBITAL OBSERVATIONS

After two full years of orbital observations of Mercury, NASA's MESSENGER spacecraft began its Second Extended Mission in March. The Second Extended Mission is addressing Mercury's surprising volatile inventory, exploring newly revealed aspects of the planet's geological evolution, and witnessing the dynamic response of Mercury's exosphere and magnetosphere to the peak and early waning phases of solar activity. This session will highlight the latest results on Mercury from MESSENGER orbital observations and welcomes contributed papers on future mission opportunities, complementary ground-based observations, laboratory measurements, and theoretical developments relevant to planetary processes at Mercury.

Please consider submitting an abstract for this session. For more information, visit:

<https://fallmeeting.agu.org/2013/scientific-program/session-search/sessi...> [22]

Conveners:

Paul Byrne (Carnegie Institution of Washington)
Sean Solomon (Columbia University)
Larry Nittler (Carnegie Institution of Washington)

- SESSION P019: PLANETARY ATMOSPHERES AND EVOLUTION

Section/Focus Group: Planetary Sciences (P)

Co-Sponsors: Atmospheric Sciences (A)

Understanding the evolutionary histories of planetary atmospheres is one of the key scientific questions driving planetary mission planning. While the evolution of our own planet, the Earth, is constrained by geological and geochemical data, the evolutionary paths of other planetary bodies must be determined from planetary mission data and astronomical observations. The discoveries of extrasolar planets greatly expand the interests of the scientific community and provide a new opportunity for interdisciplinary collaborations between geoscientists, astronomers, and planetary scientists. The session welcomes both observational and theoretical studies relevant to the evolution of planetary objects in and outside of our solar system (including the Earth).

Conveners:

- Feng Tian, Tsinghua University, tianfengco@mail.tsinghua.edu.cn [23]
- Eric Chassefiere, Universite Paris-Sud Orsay, eric.chassefiere@u-psud.fr [24]

- SESSION P026 : SHAPE, INTERNAL STRUCTURE, GRAVITY, AND WINDS OF JUPITER AND SATURN

You are invited to submit an abstract to Session P026 "Shape, Internal Structure, Gravity, and Winds of Jupiter and Saturn" at the Fall AGU Meeting, 9-13 December, 2013, in San Francisco, USA.

Description : The Juno spacecraft is now on its way to Jupiter and the Cassini spacecraft will visit Saturn toward the end of its mission. One of the main scientific objectives of both missions is to understand the internal structure, gravity, and winds of Jupiter and Saturn.

We welcome the submission of abstracts on the following topics:

- (1) Analytical or numerical models of shape and internal structure of rapidly rotating Jupiter and Saturn;
- (2) Relationship between the shape and internal structure of Jupiter and Saturn and their external gravity fields;
- (3) Analytical or numerical models of winds/circulations of Jupiter and Saturn, as well as their effects on the zonal gravity coefficients of Jupiter and Saturn;
- (4) Analytical or numerical models of convection/dynamo of Jupiter and Saturn;
- (5) Any aspects of the Juno and Cassini missions that are related to shape, internal structure, gravity, and winds of Jupiter and Saturn.

Conveners : Gerald Schubert

Department of Earth, Planetary and Space Sciences,
University of California, Los Angeles, CA 90095-1567, USA,
schubert@ucla.edu [25]

Keke Zhang

Center for Geophysical and Astrophysical Fluid Dynamics and
Department of Mathematical Sciences, University of Exeter, EX4
4QF, UK,
kzhang@ex.ac.uk [26]

- SESSION P031: TITAN'S ENIGMATIC ATMOSPHERE AND IONOSPHERE

The processes that control Titan's atmosphere and ionosphere remain in many ways enigmatic even after nine years of observations and study from the Cassini mission and the Huygens probe. The instruments onboard Cassini-Huygens have studied in-situ and remotely many aspects of Titan's atmosphere and coupled ionosphere.

In the stratosphere, thermosphere, ionosphere, and exosphere studies of atmospheric composition and structure have recently produced substantial breakthroughs in our understanding of this complex system.

In this session, we focus on recent and ongoing studies of Titan's atmosphere and ionosphere. Papers focusing on atmospheric observations, modeling, and laboratory studies are welcomed.

<https://fallmeeting.agu.org/2013/scientific-program/session-search/sessi...> [27]

Conveners : Nathalie Carrasco and Joseph Westlake.

- SESSION P032 : TITAN: A SOLAR SYSTEM ENIGMA

After a decade of close scrutiny, the pre-Cassini Titan paradigm has been inverted. Speculations of vast methane oceans on Titan have given way to small ethane-methane seas near the poles. Dunes cover much of the surface. Seasonal changes are observed, including shifts in weather patterns. Observed surface changes may be due to evaporation, rainfall and/or infiltration and fluvial activity, or, dynamic processes ongoing in Titan's interior. Several small areas suggest recent surface change, including: Darkening due to rainfall, Photometric changes implying cryovolcanic activity, and Temporary lakes among dunes at low latitudes. The session will present recent spacecraft and ground-based results and test the veracity of the current models.

Conveners : Robert Nelson ; Rosaly Lopes

- SESSION NH023: CHELYABINSK METEOR EVENT:

<https://fallmeeting.agu.org/2013/scientific-program/session-search/sessi...> [28]

On February 15, 2013, Earth experienced the largest cosmic impact of the last century. Without warning, a ~20-m diameter asteroid plunged into the atmosphere and exploded over Chelyabinsk, Russia, with an energy of ~0.5 megatons. This session will bring together various analyses of this unique event, discuss the nature of the impactor and the physics of the airburst, and describe the damage on the ground and the meteorites that have been collected. This impact can be understood within the context of the broader asteroid impact hazard. It also has a human dimension, with important lessons for risk analyses and hazard communication. We solicit abstracts from experts on asteroids, impact airbursts, meteoritics, risk communication, and natural disaster response.

Conveners: Clark Chapman, David Morrison, Alan Harris

B) TARGET NEO 2: OPEN COMMUNITY WORKSHOP

July 9, 2013, Washington, DC

Target NEO 2 is the follow-on to the highly successful Target NEO Workshop held in February, 2011. The technical viewpoints of experts in fields pertinent to robotic and human NEO exploration will be provided. Key questions for the workshop include: What are the technical challenges involved and what new capabilities are needed for the newly proposed Asteroid Retrieval Mission? What technical information is still needed to support and sustain a robust human exploration program to a NEO? Registration is free. For more information and to register, go to <http://targetneo.jhuapl.edu/> [29]

C) COMET ISON OBSERVER'S WORKSHOP

Colleagues,

I am pleased to invite you to the Comet ISON Observer's Workshop. In order to facilitate the maximal observing of ISON, we will be holding a 2- day pre-encounter workshop at JHU/APL on 1-2 August 2013. The meeting's overarching goal is to maximize the scientific return from ISON's 2013 apparition. Confirmed speakers to date include Fast, Green, and Johnson of NASA HQ and Schrijver, Feaga, Fernandez, Knight, Lisse, and Wooden of our comet community.

All interested parties are welcome to attend and discuss their observing plans and needs, and what is currently known about the comet. The format of the meeting will maximize group discussion and communication. There is no cost for attending this meeting, and a light breakfast and afternoon snacks will be served. Pre-registration using the Registration page linked to <https://dnnpro.outer.jhuapl.edu/isonworkshop/Home.aspx> [30] is required for attendance. Nearby hotels and restaurants are listed on the linked Lodging and Accommodations page.

We look forward to seeing you at a lively and informative meeting. If you have any questions, please feel free to send me an email.

- Carey Lisse + the NASA Comet ISON Observing Campaign (CIOC) Team

D) OUTER PLANETS ASSESSMENT GROUP (OPAG) MEETING DATES ANNOUNCED

Dates for the next OPAG meeting have been confirmed.

The meeting will be held July 15-16, 2013, in the Washington, DC, area.

When more details are available, they will be posted on the OPAG website:

<http://www.lpi.usra.edu/opag/> [31]

E) 4TH PLANETARY CRATER CONSORTIUM MEETING

The 4th Planetary Crater Consortium meeting will be held August 14-16, 2013, at the US Geological Survey in Flagstaff, AZ. The Planetary Crater Consortium is open to planetary scientists interested in any aspect of impact cratering on solar system bodies, including observational, theoretical, experimental, and numerical studies. The meeting is a combination of invited talks, contributed talks, and open discussion. Abstract deadline is Friday, July 26, 2013. For more information, see www.planetarycraterconsortium.nau.edu/ [32] or contact Nadine Barlow (Nadine.Barlow@nau.edu [33]).

**F) INAUGURAL COSPAR SYMPOSIUM,
Bangkok, Thailand, November 11-15, 2013.**

Committee on Space Research (COSPAR) will hold its inaugural COSPAR Symposium in Bangkok, Thailand, from 11 to 15 November, 2013.

The abstract submission deadline has been extended until June 30th, 2013.

The theme of the symposium will be "Planetary Systems of our Sun and other Stars, and the Future of Space Astronomy." We will have seven sessions:

1. Comparative Planetology
2. Future of Space Astronomy
3. Space Observations and Advanced Retrieval Techniques
4. Astrobiology: Origin and Evolution of Habitable Bodies and Life
5. Exoplanets and Solar Systems: the "Beginnings"
6. Ionosphere, Magnetosphere and Space Physics

7. Citizen Science, Outreach, Education, Amateur Astronomy, Scientific Ballooning

Please find out more about the meeting here:

<http://cospar2013.gistda.or.th/> [34]

And submit abstracts:

<http://cospar2013.gistda.or.th/content2.php?slug=abstract> [35]

The meeting's Local Organisers are Geo-Informatics and Space Technology Development Agency (GISTDA) and the National Astronomical Research Institute of Thailand (NARIT).

G) 69TH OSU INTERNATIONAL SYMPOSIUM ON MOLECULAR SPECTROSCOPY June 16-20, 2014, at the University of Illinois.

This is to inform you that much of the information from this Symposium (and previous ones) is now available on line.

At the moment, the complete powerpoint presentations of those authors who have so authorized, have been linked to their talk on the program pages of the Spectroscopy Symposium web site. Just click the above link and follow the Meeting Program link. The abstract and presentation information will also be soon uploaded into the OSU International Symposium on Molecular Spectroscopy collection in the Knowledge Bank of the OSU Library System.

You can then visit the knowledge bank via the above link and use the search mechanisms available there to access information from the 68th and all earlier Symposiums.

Thanks to all of you who made the 68th meeting a success.

I hope to see most of you again next year as well as many others for the 69th Symposium (June 16-20, 2014) at the University of Illinois.

-Terry A. Miller, Chair,
O.S.U. International Symposium on
Molecular Spectroscopy

email:mss@molspect.chemistry.ohio-state.edu [36]

<http://molspect.chemistry.ohio-state.edu/symposium> [37]

H) 1ST ANNOUNCEMENT OF THE 2ND AAS LABORATORY ASTROPHYSICS DIVISION MEETING June 1-5, 2014 ; Boston, MA

The Second Laboratory Astrophysics Division (LAD) meeting will be held jointly with the American Astronomical Society (AAS) summer meeting from June 1-5, 2014 at the Westin Copley Place in Boston, MA. Please mark your calendars.

The meeting will feature an AAS plenary speaker in laboratory astrophysics; LAD sessions devoted to atoms, molecules, dust and ices, plasmas, planetary science, nuclear, and particles; and an LAD poster session to run the duration of the meeting. The sessions will include invited 30 minute talks and contributed 15 minute talks. Abstract submission for contributed talks and posters will open around 01 Feb 2014 and run till about 01 Mar 2014.

Additional meeting logistical information will be posted at

<https://aas.org/meetings/future-aas-meeting-information> [38] as it becomes available.



To receive future announcements directly, please join the LAD listserv as described at <http://lad.aas.org/listserv> [39]

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Send submissions to:
Athena Coustenis, DPS Secretary (dpssec@aaas.org [40])

To unsubscribe visit <http://aas.org/unsubscribe> [41] or email unsubscribe@aaas.org [42].
To change your address email address@aaas.org [43].

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- [6] <http://saturn.jpl.nasa.gov/news/waveatsaturn/>
- [7] <http://www.astronomerswithoutborders.org/>
- [8] <http://aas.org/vote/>
- [9] <https://members.aas.org/>
- [10] <mailto:Peterson@aas.org>
- [11] <mailto:PlanetaryPhotogrammetry@usgs.gov>
- [12] <http://astrogeology.usgs.gov/geology/photogrammetry-guest-facility>
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- [14] <http://dps.aas.org/jobs>
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- [16] <mailto:dpsjobs@aas.org>
- [17] <mailto:thomas.widemann@obspm.fr>
- [18] <http://www.rssd.esa.int/fellowship>
- [19] <mailto:fellowship@rssd.esa.int>
- [20] <http://planetarynews.org/meetings.html>
- [21] <http://fallmeeting.agu.org/2013/>
- [22] <https://fallmeeting.agu.org/2013/scientific-program/session-search/sessions/p018-mercury-after-two-years-of-messenger-orbital-observations/>
- [23] <mailto:tianfengco@mail.tsinghua.edu.cn>
- [24] <mailto:eric.chassefiere@u-psud.fr>
- [25] <mailto:schubert@ucla.edu>
- [26] <mailto:kzhang@ex.ac.uk>
- [27] <https://fallmeeting.agu.org/2013/scientific-program/session-search/sessions/p031-titans-enigmatic-atmosphere-and-ionosphere/>
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