

Newsletter 19-03

Issue 19-03, January 27, 2019

+-----CONTENTS-----+

1. RESEARCH EXPERIENCE FOR UNDERGRADUATES (REU) ARECIBO OBSERVATORY, PUERTO RICO
2. EPSC-DPS 2019 JOINT MEETING: FIRST ANNOUNCEMENT AND CALL FOR SESSIONS
3. SOLICITING ABSTRACTS FOR THE JAPAN GEOSCIENCE UNION (JPGU) MEETING
4. THIRD ANNOUNCEMENT: THE MAIN BELT: A GATEWAY TO THE FORMATION AND EARLY EVOLUTION OF THE SOLAR SYSTEM WORKSHOP
5. NEW HORIZONS IN PLANETARY SYSTEMS
6. CASSINI SCIENCE SYMPOSIUM MAY 20-24: WEBSITE OPEN, ABSTRACTS DUE MARCH 1, 2019
7. CALL FOR ABSTRACTS: "PLUTO SYSTEM AFTER NEW HORIZONS" CONFERENCE
8. PLANETARY DYNAMICS CONFERENCE
9. THE DPS COMMITTEE REMINDS YOU TO VOTE IN THE AAS ELECTIONS
10. VENUS EXPLORATION ANALYSIS GROUP (VEXAG) LISTSERV DEBUT
11. JOBS, POSITIONS, OPPORTUNITIES

+-----+

1-----1-----1-----1-----1-----1-----1-----1-----1-----1

RESEARCH EXPERIENCE FOR UNDERGRADUATES ARECIBO OBSERVATORY, PUERTO RICO

Summer 2019 - Deadline February 1st, 2019
Astronomy - Atmospheric Science - Planetary Science
Engineering - Computer Science

Arecibo Observatory carries out scientific research in Radio Astronomy, Planetary Sciences, and Space and Atmospheric Sciences. We receive funding from the National Science Foundation for our Research Experience for Undergraduates (REU) & Teachers Summer Program.

Interested undergraduate students must be US citizens or permanent residents enrolled in a bachelor's degree program (part-time or full-time; in the US or abroad) for Fall 2019. Students who are majoring in astronomy, physics, computer science, engineering, geophysics, space sciences, geology,

planetary sciences, mathematics or related disciplines are invited to apply.

Grades are important but so are the student's enthusiasm, initiative, and future goals.

Applicants will indicate a research preference between Radio Astronomy, Computer Science, Engineering, Space & Atmospheric Sciences, and Planetary Sciences. On-site accommodation, meals, and a stipend will be provided.

Participants will also have the opportunity to explore the beautiful island of Puerto Rico and its culture in organized weekend trips. The current summer program will run for 10 weeks between May 28th and August 2nd.

How to Apply:

Applications for the REU program should be completed online at www.naic.edu/ao/REUT [1] by February 1st, 2019, and must include a résumé, personal essay, academic transcripts, and three letters of recommendation (supporting documents deadline is February 8th, 2019). If you have trouble uploading your documents, please contact us at reu-program@naic.edu [2]. Your personal essay should include your educational background and goals, and your scientific interests and experience, as well as any information relevant to the evaluation of your potential for success in research at the Arecibo Observatory.

2-----2-----2-----2-----2-----2-----2-----2-----2-----2-----2

EPSC-DPS 2019 JOINT MEETING: FIRST ANNOUNCEMENT AND CALL FOR SESSIONS

The EPSC-DPS Joint Meeting 2019 will take place at the Centre International de Conférences de Genève (CICG), Geneva, Switzerland, from 15–20 September 2019.

The success of this joint meeting is founded on the excellence of its sessions

and conveners. So we encourage you to make session proposals on the conference website by 5 February 2019:

<https://www.epsc-dps2019.eu> [3]

The meeting will cover the whole scope of planetary science and you can propose sessions for the following programme groups:

TP - Terrestrial Planets

OPS - Outer Planet Systems

MIT - Missions, Instrumentation, Techniques

SB - Small Bodies (comets, KBOs, rings, asteroids, meteorites, dust)

EXO - Exoplanets and Origins

ODA - Outreach, Diversity, Amateur Astronomy

We look forward to many good proposals for exciting sessions.

Please contact us at epsc-dps2019@copernicus.org [4] in case of any questions.

Best regards,

Maria Cristina De Sanctis & Joe Spitale

Scientific organizing committee chairs

Jean-Pierre Lebreton

Executive EPSC committee chair

Linda Spilker

DPS Chair

3-----3-----3-----3-----3-----3-----3-----3-----3-----3

SOLICITING ABSTRACTS FOR THE JAPAN GEOSCIENCE UNION (JPGU) MEETING

At the Japanese Geoscience Union meeting near Tokyo, Japan, we will convene an international session titled: "Outer Solar System Exploration Today and Tomorrow"

http://www.jpгу.org/meeting_e2019/SessionList_en/detail/P-PS01.html [5]

We invite abstracts that address a wide range of topics encompassing the giant planets and their moons, including their origins, interiors, atmospheres, compositions, surface features, and electromagnetic fields. To advocate for current and future outer planets exploration (Cassini, Juno, New Horizons, JUICE, and beyond), we also call for discussions on future missions to explore giant planet systems, including how to develop better international cooperation. Discussion in this latter category will include progress in developing a solar sail mission concept for observing the Jupiter system and its trojan asteroids.

JpGU will be held on May 26 - 30, 2019 in Makuhari, Chiba, Japan

http://www.jpгу.org/meeting_e2019/index.php [6]

Early Abstract deadline (discounted rate): February 4th, 2019

Regular Abstract Deadline: February 19th, 2019

Early Registration Deadline: May 8, 2018
(Note: Dates are in Japan Standard Time.)

Current AGU Members can register at the JpGU member rate.

4-----4-----4-----4-----4-----4-----4-----4-----4-----4-----4

THIRD ANNOUNCEMENT: THE MAIN BELT: A GATEWAY TO THE FORMATION AND EARLY EVOLUTION OF THE SOLAR SYSTEM WORKSHOP

Sardinia, Italy | June 4-7, 2019

The Main Asteroid Belt is at the boundary of the inner and outer Solar

System. It marks a transition region from the rocky volatile-poor inner

terrestrial planets to the outer gaseous and icy giant planets. Asteroids also give us access to the relatively unprocessed building blocks of planet

formation, with many retaining a record of processes that took place

during the formation and early evolution of the Solar System. This workshop

brings together experts to establish the current understanding of Main

Belt asteroid science, as well as to debate future directions for investigation.

The workshop stimulates discussions about accretion, chemistry, collisions,

dynamics, geophysics, and meteorites. The workshop is limited to

approximately 100 attendees.

Main topics:

1. Planetesimal Formation
2. Collisional Evolution
3. Depletion & Implantation
4. Composition & Chemistry
5. Meteorites & Samples
6. Space Missions

When: June 4-7, 2019 (including a half-day field trip to the 64-m dish Sardinia Radio Telescope).

Where: Villasimius, Sardinia, Italy | <https://www.pullman-timiama-sardegna.com/en/> [7]

Website: <http://www.iaps.inaf.it/sz/mainbelt2019/> [8]

Deadlines: February 28, 2019 (abstract submission); March 31, 2019 (early registration)

SOC Chairs: Maria Cristina De Sanctis, INAF, Italy / Simone Marchi, SwRI, USA

SOC Members:

Eleonora Ammannito, ASI, Italy

William F. Bottke, SwRI, USA

Fabrizio Capaccioni, INAF, Italy
Linda T. Elkins-Tanton, ASU, USA
Roger Fu, Harvard University, USA
Thorsten Kleine, University of Münster, Germany
Javier Licandro, IAC, Spain
Alessandro Morbidelli, OCA, France
Carol A. Raymond, JPL/Caltech, USA
Fumi Yoshida, PERC/Chitech, Japan

5-----5-----5-----5-----5-----5-----5-----5-----5-----5

NEW HORIZONS IN PLANETARY SYSTEMS

NOTE: February 1st is the deadline for abstract submission and applications
for travel and childcare support

New Horizons in Planetary Systems

Understanding planetary systems from protoplanetary disks through to
the solar system, exoplanets and debris disks 13-17 May 2019 Victoria,
British Columbia, Canada

Financial Assistance

Travel support as well as childcare support will be available for those who
need financial assistance to attend.

For more information, see the meeting website:

<http://go.nrao.edu/NewHorizons> [9]

Web: <http://go.nrao.edu/NewHorizons> [9]

Facebook: <https://www.facebook.com/vicplanetsys> [10]

Twitter: #VicPlanetSys

The meeting is jointly organized by NRC Herzberg and NRAO - as part of

their roles within the North American ALMA Science Center (NAASC) and will have a broad scope, including planetary systems in formation within protoplanetary disks, minor objects in the solar system, debris disks and exoplanets. Experts will be asked to provide insights from all these fields to enhance our understanding of how planets form and evolve.

Although it is organized by the NAASC, the meeting is not ALMA-centric, with a strong focus on the impact of the New Horizons mission flyby of a Kuiper Belt Object in January 2019, as well as experts from the Transiting Exoplanet Survey Satellite and other facilities, who will be asked to provide a multi-chromatic picture of the current understanding in their fields. Invited speakers have been asked to provide broadly accessible talks.

The meeting will be held at the Victoria Conference Centre in the heart of picturesque Victoria, British Columbia, on Canada's Pacific coast. Local attractions include whale watching, wine tours, the world-famous Butchart Gardens, and the Dominion Astrophysical Observatory. Excellent beaches, diving, camping and hiking are all within a day's drive from Victoria.

Invited speakers

- Diana Dragomir (MIT Kavli Institute): TESS early results
- Brett Gladman (UBC): theory of planet formation
- Grant Kennedy (Warwick): debris disk constraints on planet formation
- Heather Knutson (Caltech): exoplanet atmospheric composition
- Emmanuel Lellouch (Obs de Paris): solar system objects, constraints on formation
- Karin Öberg (Harvard): protoplanetary disk composition and chemistry
- John Spencer (SWRI): New Horizons KBO flyby: first results

- Geronimo Villaneuva (NASA Goddard): cometary chemistry and early planet formation
- Zhaohuan Zhu (UNLV): Protoplanetary disk composition/chemistry

6-----6-----6-----6-----6-----6-----6-----6-----6-----6

CASSINI SCIENCE SYMPOSIUM MAY 20-24: WEBSITE OPEN, ABSTRACTS DUE MARCH 1, 2019

The Cassini Project will host a five-day Cassini Science Symposium May 20 -24, 2019 to review the latest findings on the Saturn system and Jupiter-Saturn synergies, including the interpretation and synthesis of results. The meeting will be hosted by the Applied Physics Laboratory (APL) in Laurel, Maryland.

Abstracts will be due March 1, 2019. Early registration ends April 15.

Symposium information can be found at:

<http://civspace.jhuapl.edu/News-and-Events/events/cassini/> [11]

Sessions will include review talks as well as invited and contributed talks on the latest Cassini findings on the Saturn system. Sessions will include interdisciplinary talks that will cover the following disciplines: Rings, Titan, Icy Satellites, Magnetospheres and Planets. Talks emphasizing Saturn-Jupiter synergies are encouraged. Discipline-focused workshops will also be held during the late afternoons. This Symposium will serve as a springboard for future studies and space missions. Future mission posters are welcome.

We hope to see you there.

Linda J. Spilker

Chair, Symposium Organizing Committee

Organizing Committee:

Bonnie Buratti

Josh Colwell

Jeff Cuzzi

Scott Edgington

Tamas Gombosi

Amanda Hendrix

Norbert Krupp

Andy Ingersoll

Jonathan Lunine

Don Mitchell (LOC)

Mark Perry (LOC)

Abi Rymer (LOC)

Darrell Strobel

7-----7-----7-----7-----7-----7-----7-----7-----7-----7

CALL FOR ABSTRACTS: "PLUTO SYSTEM AFTER NEW HORIZONS" CONFERENCE

The "Pluto System After New Horizons" (PSANH) conference will provide an opportunity to summarize our understanding of the Pluto system and the Kuiper belt following the New Horizons encounters with Pluto and 2014 MU69 (Ultima Thule). Contributions spanning all relevant research on the Kuiper belt, including both observations and theory, are being solicited.

The conference will take place July 14-18, 2019 at the Johns Hopkins

Applied Physics Laboratory in Laurel, Maryland, USA. Abstracts can now be submitted at the PSANH website:

<https://www.hou.usra.edu/meetings/plutosystem2019/> [12]

The abstract deadline is May 2, 2019 at 5:00 pm Central Daylight Savings Time (GMT-5). Registration details will be announced at this website on March 15, 2019.

8-----8-----8-----8-----8-----8-----8-----8-----8-----8-----8

PLANETARY DYNAMICS CONFERENCE

Heidelberg, Germany, 3-7 June 2019
(part of the summer conference series at the MPIA)

Dear colleague,

We are organizing an international conference on "Planetary Dynamics" to be held in the Haus der Astronomie at the Max Planck Institute for Astronomy (MPIA), Heidelberg, Germany, 3-7 June 2019. More information can be found below and at our conference website: <http://www.mpia.de/homes/dynamics2019> [13]

Please follow the website for updates or register for our mailing list at: <http://www.mpia.de/homes/dynamics2019/apply.php> [14]

We would appreciate if you could spread the information in your institute and to all those who might be interested. We apologize if you receive this announcement more than once.

Meeting Overview and Goals

The meeting aims to bring together experts and students working in the field of extrasolar planets and planetary dynamics. We hope to discuss a variety of dynamical problems such as:

- * Resonant and near-resonant pairs and chains
- * Secular dynamics
- * Chaos
- * Three-dimensional structure and Lidov-Kozai mechanisms
- * Formation and stability of S- and P- type planets in binaries
- * Post-main-sequence evolution of multiple planet systems
- * Solar system dynamics

The venue will be at the Haus der Astronomie (<http://www.haus-der-astronomie.de/en> [15]) at the Max Planck Institute for Astronomy (MPIA), Heidelberg, Germany.

Conference website: <http://www.mpia.de/homes/dynamics2019> [13]

Please follow the website for updates or register for our mailing list at: <http://www.mpia.de/homes/dynamics2019/apply.php> [14]

Registration Fee: 200 Euro (which includes conference dinner and daily transportation)

Important Dates:

April 15, 2019: Deadline for applying for contributed talk or poster

Early May 2019: Program with talk contributions should be released

May 25, 2019: Deadline for general participation

June 3-7, 2019: Conference

Scientific Organizing Committee:

Debra Fischer (Yale University)

Thomas Henning (MPIA, Heidelberg)

Hubert Klahr (MPIA, Heidelberg)

Gregory Laughlin (Yale University)

Man Hoi Lee (The University of Hong Kong)

Rosemary Mardling (Monash University)

Ruth Murray-Clay (University of California, Santa Cruz)

Alice Quillen (University of Rochester)

Trifon Trifonov (MPIA, Heidelberg)

Yanqin Wu (University of Toronto)

We hope to see you next summer in Heidelberg!

on behalf of the SOC

9-----9-----9-----9-----9-----9-----9-----9-----9-----9

THE DPS COMMITTEE REMINDS YOU TO VOTE IN THE AAS ELECTIONS

Don't forget to vote in AAS elections. The DPS is the largest AAS division.

The following DPS members are candidates for AAS Officers and At-Large Trustees:

President - Chick Woodward

Vice President - Stephen Unwin

Secretary - Alice K.B. Monet

At-Large Trustee - Hannah Jang-Condell

Balloting closes at 11:59 pm EST on 31 January 2019

<https://aas.org/posts/news/2018/12/vote-2019-aas-election> [16]

10-----10-----10-----10-----10-----10-----10-----10-----10-----10

VENUS EXPLORATION ANALYSIS GROUP (VEXAG) LISTSERVE DEBUT

VEXAG debuted a new listserv for the Venus community on January 10, 2019.

The initial listserv distribution was gleaned from VEXAG meeting attendees and past presenters on Venus science at conferences over the last decade or two.

It is open to all interested in the Second Planet, “the exoplanet next door”. We expect to send out updates on a monthly basis, or whenever exciting things happen relating to Venus.

You can subscribe (or unsubscribe) from the list at the following link: <https://lists.psi.edu/mailman/listinfo/venus> [17]

11-----11-----11-----11-----11-----11-----11-----11-----11-----11

JOBS, POSITIONS, OPPORTUNITIES

A) SSRN EARTH AND PLANETARY SCIENCE CLASSIFIER POSITION

<https://dps.aas.org/content/ssrn-earth-planetary-science-classifier-position> [18]

Earth & Planetary Science Classifier Position

We are looking for someone to join the SSRN Team with expertise in scholarly research in the field of Earth & Planetary Science. This position will be in the direct flow of the most current scholarly research worldwide and allow you to work with one of the most progressive companies on the Internet.

JOB DESCRIPTION: Review submitted abstracts and classify them into the appropriate Earth & Planetary Science subject oriented eJournals.

The position is part time, up to 20 hours per week, and may be done from the home. Work requires a computer and email/internet experience. You must have clearance to work in the United States. Documentation will be required prior to employment.

COMPENSATION: \$15 per hour

ABOUT SSRN: SSRN is devoted to the rapid worldwide dissemination of scholarly research and is composed of a number of specialized research networks. SSRN is building on a history of excellence in the social sciences and is expanding into new areas, including Earth & Planetary Science. SSRN has received several excellence awards for their website: <http://www.ssrn.com> [19]

APPLICATION PROCEDURE: To apply, please send email with cover letter and resume attachment to: jobs@ssrn.com [20]

To be considered for this position, a cover letter containing this information is required:

1. Academic Degree
2. Experience in field of study
3. Associated experience in publishing

B) ASSISTANT PROFESSOR IN SPACE PLASMA PHYSICS AT THE UNIVERSITY OF COLORADO BOULDER

The University of Colorado Boulder (UC Boulder) is conducting a search for a faculty member at the Assistant Professor rank. We are accepting applications from candidates in the area of space plasma physics including, but not limited to, the Earth's and planetary

magnetospheres, solar wind, and ionospheres. For more information, please see posting #15519 at:

<http://www.colorado.edu/jobs> [21]

-----+

Send submissions to:

Anne Verbiscer, DPS Secretary (dpssec@aaas.org [22])

You are receiving this email because you are a DPS member.

To unsubscribe or update your information, please send your request

to privacy@aaas.org [23]. The more general AAS privacy policy is available

online at <https://aaas.org/about/policies/privacy-policy> [24]. Current and back

issues of the DPS Newsletter can be found at <https://dps.aas.org/newsletters> [25]

Footer

- [Reports](#)
- [Photos](#)
- [History](#)
- [Bylaws](#)
- [Giving](#)

Source URL: <https://dps.aas.org/newsletters/19-03>

Links:

- [1] <http://www.naic.edu/ao/REUT>
- [2] <mailto:reu-program@naic.edu>
- [3] <https://www.epsc-dps2019.eu/>
- [4] <mailto:epsc-dps2019@copernicus.org>
- [5] http://www.jpgu.org/meeting_2018/SessionList_jp/detail/P-PS01.html
- [6] http://www.jpgu.org/meeting_e2018/index.php
- [7] <https://www.pullman-timiama-sardegna.com/en/>
- [8] <http://www.iaps.inaf.it/sz/mainbelt2019/>
- [9] <http://go.nrao.edu/NewHorizons>
- [10] <https://www.facebook.com/vicplanetsys>
- [11] <http://civspace.jhuapl.edu/News-and-Events/events/cassini/>
- [12] <https://www.hou.usra.edu/meetings/plutosystem2019/>
- [13] <http://www.mpia.de/homes/dynamics2019>

- [14] <http://www.mpia.de/homes/dynamics2019/apply.php>
- [15] <http://www.haus-der-astronomie.de/en>
- [16] <https://aas.org/posts/news/2018/12/vote-2019-aas-election>
- [17] <https://lists.psi.edu/mailman/listinfo/venus>
- [18] <https://dps.aas.org/content/ssrn-earth-planetary-science-classifier-position>
- [19] <http://www.ssrn.com/>
- [20] <mailto:jobs@ssrn.com>
- [21] <http://www.colorado.edu/jobs>
- [22] <mailto:dpssec@aas.org>
- [23] <mailto:privacy@aas.org>
- [24] <https://aas.org/about/policies/privacy-policy>
- [25] <https://dps.aas.org/newsletters>