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Subject: **OPAG update Jan 17th**
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 1 Attachment, 34.7 KB

Outer Planets Assessment Group - OPAG Update Jan 17th, 2007

Best wishes for 2007!

- 1 - Science Definition Teams for Outer Planet Flagships
- 2 - CDAP statistics
- 3 - Magnetospheres of the Outer Planets
- 4 - Fifth International Planetary Probe Workshop
- 5 - PSS meeting
- 6 - Next OPAG meetings

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- 1 - Science Definition Teams for Outer Planet Flagships

From a total of 326 qualified responses, NASA HQ has picked 4 teams of about a dozen people to study the scientific objectives, technical feasibility and cost of 4 separate flagship missions to targets in the outer solar system: Europa, Jupiter System Observer (that's what the "Ganymede" mission is now called), Enceladus and Titan. Attached are the teams. We hope to describe specific information about time lines for the studies and the expected products in future OPAG updates. Attached is a .pdf listing the teams.

Europa SDT

Ron Greeley	Arizona State University
Bob Pappalardo	JPL
Krishan Khurana	UCLA
Bill Moore	UCLA
Don Blankenship	Univ TX
Louise Prockter	APL
Diana Blaney	JPL
Tom McCord	
Bruce Bills	GSFC
Chris Paranicas	APL
Mitch Sogin	Woods Hole

Jupiter System Observer SDT

Dave Senske	JPL
Louise Prockter	APL
Adam Showman	Univ AZ
Elizabeth Turtle	APL
Karl Hibbitts	APL
Amanda Hendrix	JPL
Glenn Orton	JPL
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John Cooper	GSFC
Dave Williams	ASU
Margy Kivelson	UCLA
Geoff Collins	Wheaton College
Jerry Schubert	UCLA

Enceladus SDT

Amy Simon	GSFC
John Spencer	SWRI
Paul Helfenstein	Cornell
Francis Nimmo	UCSC
Bonnie Buratti	JPL
Brad Dalton	SETI
Will Brinckerhoff	APL
Joseph L. Kirschvink	CalTech
Amy Barr	SWRI
Dan Glavin	GSFC
Don Mitchell	APL
Andrew Dombard	APL

Titan SDT

Ralph Lorenz	APL
Hunter Waite	SWRI
Jonathan Lunine	Univ AZ
Dale. P. Cruikshank	Ames
F. Michael Flasar	GSFC
Devon Burr	SETI Institute
Rosaly Lopes	JPL
Kevin Baines	JPL
Jerry Schubert	UCLA
Scot Rafkin	SWRI
Bill Kurth	Univ Iowa

2 - CDAP Statistics

Funding of investigations under the Cassini Data Analysis Program (CDAP) were announced recently. Of the 71 proposals, 27 were selected for support (38%). For FY2007 a total of \$7M was requested and ~\$2.5M available (36%). Denis Bogan reports that all 19 of the proposals rated Excellent or Excellent/Very Good were funded plus 8 of the 28 proposals rated Very Good or Very Good/Good were funded. This adds up to 57% of all proposals rated Very Good/Good and better being funded.

Curt Niebur passed on the following statistics for the Outer Planets Research program: OPR had 48 compliant proposals submitted. 13 have been selected, including ALL proposals rated VG or higher. The 48 proposals totaled \$4.9M, and the 13 selected total \$1.2M.

3 - Magnetospheres of the Outer Planets 2007: San Antonio 25-29 June 2007

The Magnetospheres of the Outer Planets (MOP) meeting is organized to share recent scientific results and foster in depth discussions on this intriguing topic. The next meeting will be held 25-29 June 2007 in San Antonio, TX at the Menger Hotel. This historic hotel is next to the Alamo in the center of downtown and is near the famous River Walk. We encourage papers regarding magnetospheric dynamics, auroral processes, magnetosphere-ionosphere-atmosphere coupling, and solar wind interactions. Papers on related topics such as internal planetary fields and gas giant, satellite, and ring atmospheres are also encouraged (among others). Questions spurred by recent Cassini results regarding the nature of Saturn's internal field, the source(s) of nitrogen in Saturn's magnetosphere, and the role of Enceladus' water geyser in the Saturnian system are sure to be prominent topics of discussion, as will new observations of the Jovian system in late February 2007 by the New Horizons spacecraft and related earth-based campaigns. Dr. Kurt Retherford is the MOP 2007 organizer (kretetherford@swri.edu, 210-522-3809), and the Southwest Research Institute (SwRI) is the host institute (contact lead administrator Leah Roberson at lroberson@swri.edu). For

more information see <http://mop.space.swri.edu>.
Abstracts Due: 13 April 2007
Registration Due: 4 May 2007
Hotel Reservation Discount Until: 30 May 2007

Subscribe to the MOP email list here:
<https://mail.ion.le.ac.uk/mailman/listinfo/mop>

4 - Fifth International Planetary Probe Workshop (IPPW-5)

will be held in Bordeaux, France the week of June 23 - June 29. The workshop website is at
<http://www.rssd.esa.int/SM/IPPW/>
and the First Announcement and Call for Papers is at
http://www.rssd.esa.int/SM/IPPW/Page_doc/IPPW-5%20First%20Announcement.pdf

5 - Planetary Science Subcommittee of the NAC

The next meeting is in Tempe, Arizona February 26th, preceding the Lunar Science workshop (<https://www.infonetic.com/tis/lea/>)
at Fiesta Inn Resort, 2100 South Priest Dr., Tempe, AZ 85282. All PSS meetings are open to the public (though I believe the lunar
science workshop is by invitation only). I will pass on further information when I receive it.

6 - Next OPAG meetings

The next meeting will be held in Boston on May 1-2.
The second meeting will be held near APL, Maryland Nov 8-9.
There may be a planetary atmospheres workshop associated with the Nov. meeting.
