

IPEWG 2013

Nice, May 29-31, 2013
France

<http://www.oca.eu/michel/IPEWG2013/>

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LOC Chair



What is IPEWGG?

International Primitive Exploration Working Group

- IPEWGG offers a forum for the community at large to stay abreast of the status quo in small bodies exploration, in terms of the scientific interest of various communities, but also in terms of the programmatic interests of space agencies worldwide.
- It is the only venue yet that offers the opportunity for this diverse community to gather and discuss potential collaborative efforts at the international level.
- The discussions held at this workshop are expected to open new international collaboration opportunities for primitive body space exploration.

The IPEWG Draft Charter

(initiated at IPEWG 2008, Okinawa, Japan)

- **Purpose:**

IPEWG: entity to promote the free and open access of scientific information and archived data **and to foster international cooperation, coordination and collaboration** by offering a forum to exchange information.

While retaining autonomy, coordinated activities through the IPEWG shall aim for the growth and expansion of exploration of primitive bodies for all mankind.

- **Definition/Scope:**

IPEWG covers **primitive bodies that orbit the sun, including comets, asteroids, Trojans, Centaurs, KBO's, dust and meteoroids, as well as Phobos and Deimos and other irregular planetary satellites**

The IPEWG Draft Charter

- **Implementation:**

IPEWG works for:

- (1) Exchange information on current projects and future plans, and coordinate primitive body exploration activities
- (2) Provide or exchange, when necessary or requested, findings and inputs to the ISECG, COSPAR, or any other group involved or interested in missions to the primitive bodies or others
- (3) Promote international cooperation, coordination and collaboration in exploration of primitive bodies through observation and characterization, using ground-based and space-based facilities, as well as sample analysis and curation
- (4) Promote cooperative efforts for exchanging timely information on Potentially Hazardous Objects (PHO) and collaborate on strategies for addressing shortfalls in current capabilities Members of the IPEWG will work to ensure that all data from and about their respective missions are publicly archived according to standards recommended by the IPDA.
- (5) Enhance public Awareness

The IPEWG Draft Charter

- **Steering Committee:**

Steering Committee is composed of space agencies and it will:

- Organize plenary meetings
- Invite participants, e.g., representatives of spaceguard associations
- Establish sub working groups

- **Chair**

The Chair of the IPEWG is selected among IPEWG members and it is a representative of plenary host organization.

- **Frequency:**

- The plenary IPEWG meeting will be held regularly, at least, every two years.

- **Sub WG:**

- Ad hoc sub working group under IPEWG are organized as necessary.

- **Secretariat:**

- JAXA maintains an IPEWG website and records.

Conclusions

- To be effective we need to do multi-lateral coordination
 - Common international goals and objectives
 - Coordinate programs and activities while leaving individual freedom for each agency to develop its own program (Program of Programs approach)

Conclusions

- **There is a need for a IPEWGW**
 - IPEWGW should provide new and important perspectives and opportunities to act on
 - Remember that what comes out of IPEWGW is only input into the Agency bi-lateral process
 - IPEWGW should be continued regularly and develop further as an international entity to meet its charter's scopes
 - IPEWGW needs to conduct “sub-working group” as necessary in-between plenary meetings to make a steady progress in this field

IPEWVG 2011: Organizational Updates

- Minor revisions of the Charter have been suggested by the IPEWVG2011 participants. They will be reviewed and approved by the IPEWVG Steering Committee members.
- IPEWVG Steering Committee (SC) welcomes CSA as a new member. Now the SC includes 7 space agencies: ASI, CNES, CSA, DLR, ESA, JAXA, and NASA (commitment not formally made yet). The SC meeting should be held during the next plenary IPEWVG meeting.
- JAXA continues to update records of IPEWVG activities by working with NASA/JPL LOC of IPEWVG2011, as well as the next IPEWVG LOC in Europe.

IPEWVG 2013, May 29th-31st, Nice, France

Nice:
International Airport
Various Hotel choices
(from prestigious to
Standard to
Low quality!)

June: beginning of
High touristic
Season
Book ASAP!



IPEWVG 2013

Nice

Nice, Côte d'Azur, France
(View from my office at
the Côte d'Azur Observatory ...)



10 mn from Saint-Jean Cap Ferrat
20 mn from Monaco



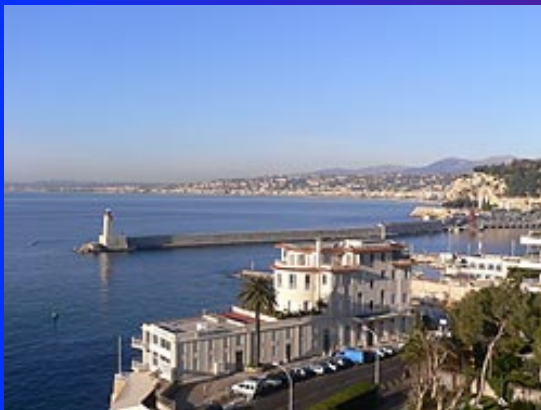
60 miles from Saint-Tropez



IPEWG 2013 Venue

Maison des séminaires (Seminar House)

- On Nice harbor, on the sea (15-20 mn from the airport by car)
- Close to the old town
- Easy access by walk, public bus, car (parking on site)
- Limited number of bedrooms on site (check the availability); 79 Euros/night (99 Euros/night with sea view)
- Welcome reception, 3 lunches, coffee-breaks, banquet in a nice restaurant will be included in the registration fees (expected about 200 Euros)



IPEWVG 2013

Organizing Committee

- MICHEL Patrick (LOC Chair, Univ. Nice, CNRS, Côte d'Azur Observatory, France)
- JOHNSON Lindley (NASA Hq, USA)
- KOSCHNY Detlef (ESA/ESTEC, The Netherlands)
- YOSHIKAWA Makoto (JAXA, Japan)
- ABELL Paul (NASA, USA)
- BARUCCI Antonella (Obs. Paris, France)
- BRUCATO John (INAF/Obs. Arcetri, Italy)
- CHENG Andy (APL, USA)
- KLESH Andy (JPL, USA)
- LARSON TIM (JPL, USA)
- YANO Hajime (JAXA, Japan)
- YEOMANS Don (JPL, USA)

All oral contributions are solicited, but at pre-registration one can suggest a contribution and the SOC will make the final schedule.

Maximum number of participants: ~100, Please pre-register on IPEWVG2013 web site

Action Items

- **Negotiate to obtain formal recognition of IPEWG by the various international agencies.** Strong participation of the agencies will provide the context and relevance of all subsequent IPEWG activities.
- **Revise Charter** to reflect comments from the community, including membership and roles.
- **Lay out an international strategy for the exploration of NEOs** (to limit scope and identify areas where international collaboration is most suitable). Create inventory of missions/activities that are already approved / planned in order **to identify niches**.
- A common voice amongst various stakeholders should be expressed, but meat is needed to support it – **build a technical memo in support of the international strategy**.
- **Establish common policies across agencies for planetary protection and data storage for primitive bodies.**

Useful links

IPEWG 2013 Web Site

<http://www.oca.eu/michel/IPEWG2013>

Maison des séminaires (Venue)

<http://www.maisonduseminaire.fr>

Hotel booking web site

(suggestions to be indicated soon on IPEWG2013 web site)

Booking.com, Hotels.com, [Trip Advisor](http://TripAdvisor.com) etc ...

(choose your dates and Nice, France as a location)

THANK YOU & SEE YOU IN NICE!