

# International Academy of Astronautics

6, rue Galilee, 75116 Paris

<http://www.iaaweb.org>

## Commission VI

### Meeting Minutes

#### International Academy of Astronautics

March 17, 2014 – 13:30-16:00

- 1 **Welcome and introduction of participants.** All present participants signed in, Dr. Barresi was at the academy but couldn't locate the meeting.
- 2 **Adoption of the Agenda**  
Agenda has been adopted.
- 3 **Adoption of the Minutes of Commission VI Meeting in Beijing, China, September 21, 2013** – there are no minutes because there was no quorum (only two members were present)
- 4 **IAA Cosmic Studies**
  - 4.1 Interstellar Message Construction  
(SG6.3- Vakoch/Tarter) – chairs are not present, they will be asked to report a.s.a.p.
  - 4.2 Active SETI: Scientific, Technical, Societal & Legal Dimensions  
(SG6.14-Vakoch/Languedoc) – chairs will report the status.
  - 4.3 Impact on society and global consciousness from the iconic image of the “Earth Rise from the Moon” in 1968 (SG6.15-Foing) – chairs are not present, they will be asked to report a.s.a.p.
  - 4.4 Study groups proposed in November 2013 (Dr. Chong).  
There is not enough information about all proposed SG to recruit new members. The information needs to be collected and distributed to Comm VI members and associated members.
    - 4.4.1 Microgravity environment related to human health (Prof. Zhuang) (joint with Commission II and I) – direction and a leading commission of the SG has to be identified. More updates after Dr. Chong and Prof. Zhuang meeting.
    - 4.4.2 Use of Space Technology in Natural Disasters (Prof. Wu) – Prof. Wu declined chairing. New members are needed, it's suggested that authors from session E5.5 may be invited to the SG.
    - 4.4.3 Global navigation systems (Dr. Shen) – probably a joint SG with Comm III. The SG supposed to emphasize applications of space technology and their impact on society.

## Commission VI

### MINUTES (*continued*)

4.4.4 New SG 6.16 *STEM/STEAM for space - grand challenges* was distributed during the meeting: Overall the SG was considered to be related to the Comm VI and an important study with perhaps leadership of Comm. I and II (taking into account affiliations of the members and proposer) with a representative from Comm VI. Roger Malina and Vera Mayorova volunteered to be liaisons b/w Comm VI and IAF Educational Committee and the SG. A call for study approval will be sent to Comm VI members via email.

**5 IAA conferences.** Educational and History symposiums have to be part of the Comm VI meeting discussions.

5.1 48th History of Astronautics Symposium in Toronto (Liepack). Two sessions are dedicated to the SETI 50<sup>th</sup> anniversary. Weren't enough papers related to Canadian space activities, perhaps few papers can be invited from Canadian space agency related to its 30<sup>th</sup> anniversary.

5.2 25<sup>th</sup> IAA Symposium on Space and Society IAC 2014 in Toronto (Bannova). Total of 63 papers.

5.2.1 Space Architecture: technical aspects, design, engineering, concepts and mission planning – 9 abstracts submitted, all of them are close related to the topic of the session.

5.2.2 Models for Successfully Applying Space Technology beyond its Original Intent – 15 abstracts, the session always generates interesting discussions and related to a newly proposed SG (#4.4.3).

5.2.3 Space Architecture: Designing Human Systems Interaction – 4 abstracts. Perhaps chairs can invite few papers. The situation will be discussed during IPC abstracts selection on March 20<sup>th</sup>.

5.2.4 Contemporary Arts Practice and Outer Space: A Multi-Disciplinary Approach – 12 abstracts.

5.2.5 Space Assets and Disaster Management – 10 abstracts. Related to a proposed SG (#4.4.2)

5.2.6 Space Societies, Professional Associations and Museums – 13 abstracts.

**6 IAC 2013 Papers published in Acta Astronautica (Dr. Skoog).**

Kerrie Dougherty's IAC 63 education and outreach paper "Pathways to Space: a mission to foster the next generation of scientists and engineers" was selected for publication in Acta Astronautica.

AA is catching up with publishing proceedings and should be up-to-date by the end of the year. A possibility of having History Committee proceedings ready by the IAC in Toronto and book signing was discussed.

Dr. Skoog expressed his concern regarding lack of reviewers and a very high rank of rejections to review papers. A reviewing process has to be discussed during IPC

meetings. What can be done in coordinating efforts between IAC paper selection and publication process in AA?

## **Commission VI**

### **MINUTES (*continued*)**

#### **7 IAA Heads of Space Agencies Summit: Follow-on Activities (Dr. Chong).**

Summary of the meeting has been distributed within the Academy. The Summit was concentrated on space exploration and it would be helpful to know the theme of the next summit in advance in order to have better Comm VI participation. A new study group can be formed in support of the next Summit (it is reported that it will be related to disaster management and climate change).

#### **8 Report for the Scientific Activities Committee (Dr. Chong).**

Call for all SGs chairs to check the information on the AA website and report to the Comm VI chairs. The issue of timely posting on the web is a concern.

#### **9 Other Business**

Ideas for future Space and Society Conferences: not only international conferences are needed. Regional conferences may be addressing local issues more in-depth. Regional conferences will need better support from the IAA.

Discussion of IAA approaches to space and society issues, especially COM VI/IAF cooperation:

COM VI representation on the IAF Space Societies Committee – Geoffrey

Languedoc continues being a liaison between Comm VI and IAF Space and Society committee.

COM VI representation on the IAF Space University Administrative Committee (SUAC) – Vera Mayorova may be a Comm VI representative, also other Comm VI members are asked to consider their participation.

New Comm VI members present at the meeting are asked to consider how they can contribute to the Comm VI activities.

#### **10 Adjourn** The meeting was adjourned at 16:10.