

# **International Academy of Astronautics**

6, rue Galilee, 75116 Paris

<http://www.iaaweb.org>

## **Commission VI**

### **Meeting Minutes**

**Metro Toronto Convention Centre, Room 803B**

**September 27, 2014 – 13:30-16:00**

- 1 Commission Chair Dr. Chong and Secretary O. Bannova welcomed and introduced the participants.**

**A list of the participants with their contact addresses is attached.**

- 2 The Agenda was adopted.**

- 3 The Minutes of Commission VI Meeting in Paris were adopted.**

#### **4 IAA Cosmic Studies**

- 4.1 Interstellar Message Construction (SG 6.3- Vakoch/Tarter)**

The Chairs were not present. A call was made for new members to join.

Few of those present at the meeting responded positively to the call.

- 4.2 Active SETI: Scientific, Technical, Societal & Legal Dimensions (SG 6.14- Vakoch/Languedoc).**

Chairs were not present. A report is expected to be submitted.

- 4.3 Impact on society and global consciousness from the iconic image of the “Earth Rise from the Moon” in 1968 (SG 6.15-Foing).**

Bernard Foing reported on several activities that are in connection with the study and contributing to the study:

Moon- Mars exploration workshops in Netherlands, Moscow and Mexico.

Lunabase project and competition.

Randy will contribute historical media work he has collected.

Social aspect of this study is investigation of how the Earth rise photograph affected different social groups.

There will be studies of art works inspired by the image.

Chapters of the study has been defined.

The plan is to wrap up the Study in 2017, in time for the 60<sup>th</sup> anniversary in 2018

#### 4.4 Study groups proposed in 2013 (Dr. Chong).

##### 4.4.1 Microgravity environment related to human health (Prof. Zhuang)

Professor Zhuang is now a co-Chairman of a Commission III Study Group SG 3.23

“Human Space Technology Pilot Projects with Developing Countries”

Commission 6 could request to be a secondary Commission associated with SG 3.23

##### 4.4.2 Commission 6 has received a new proposal for a Study Group “Multicultural Foundation and Influences of Human Space Exploration” Jacques Arnould, a member of Commission 6 is a co-Chairman. This will be forwarded to SAC for consideration.

A Proposal had been submitted by Susmita Mohanty, a former Secretary of Commission 6, to develop a comprehensive online multimedia archive based on recent space developments in India, China and Japan.

Commission 6 members present were in favor of this study and encouraged a formal proposal Form to be submitted for transmission to SAC.

##### 4.4.3 Use of Space Technology in Natural Disasters

This study still does not have a chair but the subject is important and very related to the Commission objectives. The proposal remains open for future possibilities.

There is a possibility of cooperation with IAF Earth Observation Committee in a discussion and call for topics for a study group proposal.

In this context, it may be noted that there is a presentation at

IAC-14-B1.3 on 2 October 2014 by

Yusuke Muraki of the Asian Development Bank, titled “Earth Observation Application for Typhoon Yolanda (Haiyan)”

There is also a paper IAC-14-E5.5.2

“The Use of Space Technologies in Disaster Management”

by Y.J. Chong and

YANG YuGuang of China Aerospace Science and Technology Corporation

##### 4.4.4 Global navigation systems (Dr. Shen) – probably a jointly with Comm III.

Currently, Dr J Shen is not a member of IAA.

Norbert Frischauf and Philippe Jung expressed interest in joining the study.

##### 4.4.5 STEAM SG 6.16

This study is connected with the IAF Education Committee.

Commission 6 calls for nominations to be co-Chairs for this study.

## **5. IAA conferences.**

- 4.5 48th History of Astronautics Symposium in Toronto. All History Symposium papers are published and have to be available for purchasing or distribution during IACs. The History committee needs IAA support for that. Randy agreed with Olga that publishing on Amazon would help to spread the word about history of space activities. Randy and ... reported on History sessions and activities. Including an exhibition organized by Canadian Space Society. Dr. Al-Mashat and Dr. Jung write a History of Arab Sat.
- 4.6 Olga Bannova reported on Space and Society Symposium sessions.
  - 4.6.1 Space Architecture. 6 papers were presented. Maximum attendance – 28. 3 papers were suggested for publication in AA.
  - 4.6.2 Models for Successfully Applying Space Technology beyond its Original Intent. 7 papers submitted, 2 no-shows. 5 papers presented, 3 were suggested for publications in AA.
  - 4.6.3 Space Architecture: Designing Human Systems Interaction. 5 papers presented, 3 publications suggested for AA.
  - 4.6.4 Contemporary Arts Practice and Outer Space: A Multi-Disciplinary Approach. 6 papers presented, 3 were suggested for publications in AA.
  - 4.6.5 Space Assets and Disaster Management. 6 papers presented, 3 were suggested for publications in AA.
  - 4.6.6 Space Societies, Professional Associations and Museums. 11 papers presented, 3 were suggested for publications in AA.
- 5 **IAC 2015.** Comm VI proposes a panel or a session to be arranged in connection to the SG 6.15.
- 6 **Acta Astronautica.** 18 papers were suggested for publications from the IAC 2014
- 7 **Other Matters.** George S James raised some topics in the history of astronautics such as for example his associations with famous personalities. There evolved very interesting discussions with several members contributing. In view of the time, it was proposed that the formal meeting be closed so as to enable these discussions to carry on in the room
- 8 **The meeting adjourned at 16:00.**

List of Participants (Complete list to be submitted later)

Y. J. Chong  
Olga Bannova  
Bernard Foing  
Philippe Jung  
Norbert Frischauf

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