



IAA COMMISSION 2 on Space Life Sciences
October 10, 2009, 09:00 – 12:00 a.m. room TM2
DCC Congress Centre Daejeon 305-301 Korea South

Minutes

1. Welcome/Introduction

The Chair of Commission 2, P. Graef, welcomes the 29 participants of the open meeting of Commission 2. He briefly reported on activities since the last meeting in Paris and outlined the objectives for the present meeting. After attendee introductions the draft agenda for the meeting was adopted.

2. Review of minutes from last Commission 2 meeting in Paris

The draft minutes from last Commission II meeting in Glasgow have been circulated prior to the meeting for comments. The final version of the minutes was approved and is available on the website (<http://www.iaaweb.org>).

3. Reports by the Chair: Scientific Activities, Board of Trustees, Membership of Commission 2, general news from IAA

The Chair presented the membership of the Board of Trustees (BOT) for the new term 2009 – 2011 as well as the members of the Scientific Activities Committee (SAC). Nationalities of the Members (M) and Corresponding Members (CM) of Section 3 were presented and the newly elected M and CM were introduced.

The Chair thanked the former C 2 members (term 2007 – 2009) for their contributions and introduced the new C 2 members (term 2009 – 2011). The Vice-Chair was passed from C. Mukai to R. White.

N. Kanas reported on ongoing activities in the (BOT). Regarding membership issues, specific groups shall be targeted for membership, e.g. younger people, women, people from strategically relevant countries.

R. White added that section members should nominate eligible personalities for the Section awards. The proposals will be worked through by the Section Chair C. Mukai.

4. Report on the 17th Humans in Space Symposium in Moscow

V. Katuntsev presented a report on the very successful 17th HIS, June 7-11, 2009. The presentation will be uploaded on the IAA site.

5. Study Group proposals/activities

5.1 General Overview

The Commission recommended keeping track of the ongoing study groups (SG) in order to finish the work successfully. Clarification should be reached regarding those studies still on hold. In case of no deliveries or exceeding the time-limit the Commission proposed to notify the leaders of the respective SG that the SG will be terminated unless a convincing activity plan is provided to C2 within 30 days.

Once SG reports are published, L. Young suggested distributing the publications via the IAA. The recipients list should be defined on a case-by-case basis together with the respective authors.



5.2 Status/Progress reports from Study Groups chairs

5.2.1 SG 2.2 Artificial Gravity as a Tool in Biology and Medicine (Young/Kazuyoshi/Paloski)

The revised final report is published; booklet was distributed at the meeting and will be provided on request. A pdf version is available online. L.Young thanked DLR for the support of the publication.

Status: completed.

5.2.2. SG 2.4 Psychology and Culture in Long Duration Space Missions (Kanas/Sandal/Boyd)

This study has been published in spring 2009. N. Kanas informed the audience that an excerpt of the report was published in Acta Astronautica.

Status: completed

5.2.3 SG 2.5 Astrobiological Studies of Solar Systems (Rummel/Horneck/Kminek)

Activities are on hold since September 2008, no status report available. Official request for the activity plan will be sent out shortly.

5.2.4 SG 2.7 Integrative Physiology in Long-duration Space Flight: Nutritional Aspects (Heer/Smith/Baecker)

No status report available. Official request for the activity plan will be sent out shortly.

5.2.5 SG 2.8 e-Learning in Space Life Sciences (Kourtidou-Papadeli/Horneck/Bamidis)

Status report and presentation are available at <http://iaaweb.org/content/view/309/450/>

The IAA program proposal for the 6th International Conference of the Greek Aerospace Association for Medical and Space Research was endorsed by C2.

Status: ongoing

5.2.6 SG 2.9 International Standards for Bed Rest Studies (Sundblad/Orlov)

P. Sundblad presented the status report. The report will be made available on the website.

Status: ongoing

5.3 Discussion on new proposals

A new SG was proposed by N. Buckley on Microbiology. Respective forms will be filled in and put forward for C2 approval.

6. Programme preparation activities

6.1 Status of preparation for 60th IAC in Korea

The Space Life Sciences Symposium A1 will comprise eight sessions with 86 presentations. P. Graef mentioned that the Editor-in-Chief of Acta, R. Gerzer, strongly recommends that Chairs and Rapporteurs of the sessions should volunteer as reviewers for papers they propose for publication in Acta.

6.2 Status of preparation for the 61th IAC in Prague

6.2.1 Session proposal for Prague

The Space Life Sciences Symposium A1 will comprise eight refocused sessions and is already part of the first announcement.



6.2.2 Plenary proposal for Prague

A plenary proposal for Prague will be developed by C2 within the next month.

It is recognized by the commission that the theme of the conference and the occasion of the 50th anniversary of the IAA will make it reasonable to have a Space Life Sciences plenary.

6.3 Status of preparation for the 62th IAC in Cape Town

Proposals for the 62nd IAC Space Life Sciences Symposium are welcome.

The proposal should be finalized at the Spring 2010 meeting in Paris. Therefore the preparation will be done ahead of time.

6.4 Status for the 18th Human in Space Symposium 2011

The call for proposals was released in September by IAA. Potential applications will be reviewed and selected by C2 and IAA prior to the Spring meeting in Paris 2010. The complete call is available on the website.

7. **Next meeting and work between meetings**

Next meeting of IAA Commission 2 will take place in March 2010 in Paris.

8. **Any other Business**

For the important event of the 50th anniversary of the IAA in 2010 at least 4 events are planned in the time frame July – December 2010. Among these events are the Academy Days during the COSPAR meeting in Bremen, Germany and the IAC in Prague, Czech Republic, as well as dedicated meetings in Nagoya, Japan and Washington, D.C., US. Proposals for contributions from the Space Life Sciences Commission are welcome.



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Coordination Meeting
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Agenda

1. Welcome/ Introduction
2. Review of minutes from last Commission 2 meeting in Paris
3. Reports by the Chair, Scientific Activities, Board of Trustees, Membership of Commission 2, general news from IAA
4. Report on the 17th Human in Space Symposium in Moscow
5. Study Group proposals/activities
 - General overview
 - Status/Progress report from Study Groups chairs
 - SG 2.2 Artificial Gravity as a Tool in Biology and Medicine (Young/Kazuyoshi/Paloski)
 - SG 2.4 Psychology and Culture in Long Duration Space Missions (Kanas/Sandal/Boyd)
 - SG 2.5 Astrobiological Studies of Solar Systems (Rummel/Horneck/Kminek)
 - SG 2.7 Integrative Physiology in Long-duration Space Flight: Nutritional Aspects (Heer/Smith/Baecker)
 - SG 2.8 e-Learning in Space Life Sciences (Kourtidou-Papadeli/ Horneck /Bamidis)
 - IAA Program Committee Proposal 6th International conference of the Greek Aerospace Medical Association and Space Research
 - SG 2.9 International Standards for Bed Rest Studies (Sundblad/ Orlov)
 - Discussion on new proposals (tbc)
6. Programme preparation activities
 - Status of preparation for 60th IAC in Korea
 - Status of preparation for 61st IAC in Prague
 - Session proposals for Prague
 - Plenary proposal for Prague
 - Status of preparation for the 62nd IAC in Cape Town
 - Status of preparation for the 18th Human in Space Symposium 2011
 - Discussion on new proposals (tbc)
7. Next meeting and work between meetings
8. Any other business