

# International Academy of Aeronautics

## Commission II: Life Sciences

### Coordination Meeting

12 October 2002

George Brown Convention Center, Houston, TX

Room C3

14:30 – 16:30 hrs

### Summary Minutes

1. The meeting was chaired by **R. White** and co-chairman **I. Koslovskaya**. A list of participants is enclosed (Annex I).
2. The draft agenda - distributed to participants prior to the meeting – was agreed upon with the inclusion of space life sciences journal and membership in IAA under any other business (Annex II). Copies of the draft minutes from the two recent commission meetings in Toulouse and Paris had been distributed to participants. These minutes have been approved without any amendments.

### **3. Organisation of Commission II and operating principles**

Mr. White informed participants that the new operational mode of IAA has become fully implemented. For Life Sciences, the new matrix organisation of the IAA includes Commission II and Section 3. The primary objective of Section 3 will be providing continued membership to the academy, whereas Commission II will mainly focus on programmatic issues and activities.

Concerning the operating mode Mr. White explained the work on the scientific program as follows:

- a) The **scientific program for the IAF** congress was in the past generated by IAA, IAF and an IAA/IAF joint committee. The present situation deserves clarification and will not continue.
- b) **Stand alone symposia** (not linked to IAF) like “Humans in Space” will, in the future, be organised under the full responsibility of Commission II. Other symposia could be envisaged to be organised according to specific topics of life sciences but carefully considered to be the focus of available resources.
- c) **Study groups** on specific topics and of an interdisciplinary nature should function in a definite time period to deliver a concrete product. For example, the product could be a small booklet used for stimulating a programmatic dialogue with agencies to lobby specific topics *vis a vis* the scientific community.

The Commission members carried out a full discussion of study groups to generate a common understanding of this topic. Future study groups should in no way continue activities as before but should focus on true issues of recent and future interest or importance of and to the scientific community. The present frame allows a flexible approach for the use of study group providing products of different nature according to the actual need and the most efficient way yielding targeted results. Results could thus include:

- A specific session in a larger symposium;

- Stimulation of public awareness on actual topics or provision of a case study;
- Impact on society by simplified explanation for general reading ;
- Stimulation of agencies to undertake specific initiatives;
- Discussion on education, and
- Publication to get the information outside.

The above mentioned initiatives will not impact quality standards required for research and science. The study groups will be of limited life time with a clear mission to deliver an agreed product in due time. The study groups can work on an *ad hoc* basis, and could start, e.g., by a workshop or symposium. Each will be coordinated by committed commission members.

Following the course of the above discussion the commission members felt that the proposals already made during the Toulouse meeting in 2001 should be not taken for further consideration. Instead the following draft proposals/ideas will be considered for further reflection and elaboration:

- Role and benefits of simulation for exploration mission (benefits for life on Earth),
- Issues of management of international space life sciences programmes,
- Artificial gravity as a tool in (space) biology and medicine, and
- International issues in cooperation of space research

#### **4. Humans in Space, Banff, 18 – 22 May 2003**

The Web site gives good overview on the present status of organisation. A. Mortimer (excused for this meeting) will report on details during the event of the upcoming week.

#### **4. Preparation for Bremen**

The preparation for the IAC in Bremen next year is under way. The final program will be ready until the end of the year.

#### **5. Vancouver 2004**

The symposium on life sciences will be discussed during the meeting of the scientific programme committee of IAF on Monday (room 206). R. White asked all participants for proposals to be delivered to him in time.

#### **7. Life Sciences Journal**

No response by Chuck Fuller on the discussion with Mr. Gerzer on issuing a specific Journal dedicated to space life sciences. Issue remains open.

#### **8. Membership**

Life sciences Section 3 has not enough new members. Participants should check and propose new members in the upcoming selection period. European countries should check for national scientists.

K. Kreuzberg

## **Annex I**

### **International Academy of Aeronautics**

#### **Commission II: Life Sciences**

**Coordination Meeting, 10 October 2002, George R. Brown Convention Center,  
Houston, TX, USA**

#### **List of Participants**

Dong	KeWen	<a href="mailto:Dongkw@evms.edu">Dongkw@evms.edu</a>
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## **Annex II**

### IAA COMMISSION II

Life Sciences  
Coordination Meeting

October 12, 2002 14:30 – 16:30

Location: George R. Brown Convention Center  
Hall C 3  
Houston, TX, USA

1. Welcome
2. Organisation of Commission II and Operating Mode
3. Results of Scientific Programme Committee and Commission II meetings in Paris  
March 18, 2002
4. Study Group proposals/activities
  - 4.1 General overview
  - 4.2 Status/Progress report from Study Groups chairmen
  - 4.3 Discussion on new proposals
5. Programme Committee activities
  - 5.1 General
  - 5.2 On going programmes for Human in Space, 18 – 22.05. 2003, Banff
  - 5.3 On-going programmes for Bremen 2003
  - 5.4 Discussion on the Programme Committees rules and organization
6. Report to the Scientific Programme Committee and to the Board of Trustees
7. Next meeting and work between meetings
8. Any other business
  - o Journal on Space Life Sciences
  - o Membership in IAA