Protocol

21 March 2016 - 13h30-16h00

Attachments: Agenda
List of Participants

Notes to Agenda Points:

ad 1) Welcome address by the chair and short introduction each of participants

ad 2) accepted

ad 3) no comments

ad 4.1 - SG 2.8

- SG report published by University
- it is to be mentioned that 3,5 years delay from proposal to publication, finally available now on IAA web pages

- SG 2.12
• initiated in 2014
• countermeasures are discussed for longer than 30 days
• goal: post ISS flights and missions
• list of most efficient countermeasures established
• the role of artificial gravity is discussed
• next SG meeting is assumed with final report as the topic

- SG 2.13

• study finished
• report is published
• copies are distributed
• text will be asap on the IAA webpages

- SG 2.14

• medical support for long duration missions
• report is in the "draft" status
• circulated to the members

- SG 2.15

• not present - short overview given by the chair - nothing new

- SG 2.16

• different approach needed
• this results in a new SG title: more generic, soon available
• proposal delayed maybe up to next March (March 2017) or longer due to topic change
• in addition external or internal help is needed
• a "Draft" will be and to the commission chair - draft per email to Klaus Slenzka and Petra Rettberg
• original proposal was based on the idea given by Y. Vernikos
Agreement of the present group to find better way how study group will be faster and more appropriate published!

ad 4.2

- IAA virtual institute discussion: NEW proposal: The Virtual Institute - Next Steps
  - intensify int. collaboration by adding new facilities and thus new partners
  - e-learning has to be implemented. However, legal issues have to be discussed based on the recommendations from the study group and thereafter finalized.
  - documentation shall be handled as "living documents" and continuously up-dated

Important Note given by Oleg Orlov:

A harmonization of all analogue models and systems should be pushed especially between the US/Russia and China to come to comparable for example "Isolation Studies"

Petra Rettberg proposed:

"Radiation Biology Effects on Humans - handled by Christine Hellweg (DLR)
An abstract booklet of all studies should be initiated.

ad 5:

- Next HIS - in Shenzhen- info given by Yulin Deng
- a List of Sponsors is requested by the Com.
- best on the most comfortable season in Shenzhen - HIS shall be Match 20-23-2017
- HIS will be held in the Shenzhen Convention Center
- 18 different topics shall be addressed - have to be requested and delivered to the Com.
- Organizing Committee: 3 Chinese4 colleagues + Chrysoula Kourtidou-Papadeli + Petra Rettberg
- conference fess are announced to be the same as at last HIS
- very good hotels are close to the SCC
Any cash flow Issues will be agreed between the Chinese Site and Michel Cotnent
- a generic process is requested by the Com.
- all issues will be addressed at the SAC meeting

IAC 2016 - issues will be discussed at IAF Tec meeting

ad 6:

No comments
No reporting person available

ad 7:

Statement:
It is stated that IAA is involved in "manned Spaceflight activities" as well there is enough information given to SAC and respective commissions.

EOM
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**Meeting: Commission 2**

Paris, France

**Date:** Monday 21 March 2016  
13h30-16h00

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AGENDA

21 March 2016 – 13h30-16h00
6, rue Galilée, 75116 Paris

1. Welcome
   Commission Chair

2. Adoption of the Agenda
   Commission Chair

3. Adoption of the Minutes of Commission 2, Jerusalem, October 10, 2015
   Commission Chair

4. IAA Cosmic Studies

4.1 Current Studies

   Study Group 2.8 Chair or representative: Kourtidou/Horneck/Bamidis
   e-Learning, education content sharing; Technical and legal issues in space
   Life sciences

   Study Group 2.12 Chair or representative: Charles/Kozlovskaya/Norsk
   Effectiveness of different physiological countermeasures to spaceflight
   deconditioning
Study Group 2.13  Chair or representative: Gerzer/Davis/Li/
Mukai/Orlov/Graef
Space Life Sciences, Physiology and Medicine in the Exploration Era: The
IAA Virtual Institute of Space Life Sciences, Physiology and Medicine

Study Group 2.14  Chair or representative: Orlov/Davis/Kussmaul
Medical Support for an International Human Expedition to Mars

Study Group 2.15  Chair or representative: Mano/Tomilovskaya
Immersion Model: Importance for Space Life Sciences Studies

Study Group 2.16  Chair or representative: Gharib/Vernikos
Space Adaptation Markers

4.2 New Studies Proposals

5. IAA Conferences

5.1 Current IAA Conferences

5.1.1 21th IAA Human in Space Symposium
Location, China, Date: 2017
Program Committee Chair or representative: Zhuang Fengyuan

5.1.2 IAA Symposia at IAC

Joint IAA/IAF symposium on space life sciences, Guadalajara, Mexico
(IAC A1)
Program Committee Chairs or representatives: O. Orlov, P. Graef

5.2 New Conferences proposals

6. IAA Heads of Space Agencies Summit

Name of person reporting

7. Other Business

All

8. Adjourn