

**International Academy of Astronautics**  
6, rue Galilée, 75116 Paris  
<http://www.iaaweb.org>  
**Commission 5 - Space Policies, Law and Economics**  
**Meeting Report**

**Washington, October 19, 2019**

Attendance:

Isabelle Duvaux-Bechon (Chair), Gabriella Arrigo (Vice-Chair), Bernhard Schmidt-Tedd (past Chair), Marius-Ioan Piso, Serge Plattard, Ray Williamson, Wang Guoyu, Ken Davidian, Natalia Archinard, Peter Stubbe, Gil Denis, Riccardo Bevilacqua, Corinne Jorgenson

**1. WELCOME**

The new Chair of the Commission, Isabelle Duvaux-Bechon, welcomed the participants. The Chair informed that Bernhard Schmidt-Tedd is now the past Chair, Gabriella Arrigo the new Vice Chair and the Commission is waiting for a new Commission's Secretary.

**2. ADOPTION OF THE AGENDA**

The agenda was unanimously adopted.

**3. ADOPTION OF THE MINUTES OF THE LAST COMMISSION 5 MEETING, in Paris on March 25, 2019**

The minutes of the last Commission meeting in Paris were unanimously adopted.

## **4. IAA COSMIC STUDIES**

### **4.1 Current Studies**

The Chair introduced the status of the current studies.

#### **Study Group 5.10 - Orbital Debris Removal: Policy, Legal, Political and Economic Considerations**

Ray Williamson reported that the study was finalized. Final editing to be done

#### **Study Group 5.12 - Dynamics of Space Exploration Strategies and Future Outlook**

Serge Plattard informed that the study was stopped. A new study will be proposed at the Spring meeting 2020 by Nicolas Peter.

#### **Study Group 5.16 - International Legal and Policy Regimes for Space Natural Resources Exploitation and Utilization (SREU)**

Wang Guoyu (on behalf of CNSA) introduced the study project, explained the perspectives and the approach. The Group is formed by Chinese members and some international members. There is the need to find additional members, in particular for policy matters. It will take in consideration the past studies and the work of external Working Group. The first internal draft is progressing and a draft report is expected for September 2020.

#### **Study Group 5.17 – Space Debris Situation Report - 2019**

No oral report at the Commission meeting

## 4.2 NEW STUDIES PROPOSALS

- **Impact Deflection Assessment** (liability of impact missions)  
Marius-Ioan Piso reported that the study was discussed during the IAF Spring meeting 2019 in Paris and at the Legal Subcommittee 2019 of the United Nations COPUOS in Vienna. The study form is expected to be published in February 2020.
  
- **Security issues of space activities (the past 50 years and the future 50 years)**  
Serge Plattard briefly summarized the scope of the study. He will discuss the topic during the IAC in Washington.
  
- **Space and disasters management: new systems, new usages and opportunities for international cooperation** (Chair or representative: Denis / Jorgenson)  
Gil Denis introduced the study proposal with the general objectives (up –to-date review of the potential role of space systems in the disaster management and emergency response), the perspectives and the methodology and envisaged results. The kick-off will be in November 2019, while the draft Report is expected in October 2021.

## 5. IAA CONFERENCES

### 5.1 PAST AND CURRENT IAA CONFERENCES

- **8<sup>th</sup> IAA Conference on Space Systems as Critical Infrastructures**  
The Conference took place in Mamaia, Romania, in June 2019.  
Marius-Ioan Piso presented the results of the Conference. A book has been published by Springer on the matter.
  
- **9<sup>th</sup> IAA Conference on Space Systems as Critical Infrastructures**  
Program Committee Chair: Marius-Ioan Piso  
The Conference will take place in Mamaia, Romania, in August 2020
  
- **2<sup>nd</sup> IAA Conference on Space Situational Awareness**  
Program Committee Chair or representative: Bevilacqua Riccardo  
The Conference will take place in Washington D.C. (USA) on January 14-16, 2020. R. Bevilacqua presented the Conference inviting the Commission members to present abstracts.
  
- **IAA Space Traffic Management**  
Program Committee Chair or representative: Mariba Jah  
The Conference will take place in Austin TX (USA) on February 19-20, 2020

2020 or 2021. The Call for papers is open until December 15, 2019

## **5.2 IAA SYMPOSIA AT IAC 2019 (No oral report at the meeting)**

- **33<sup>nd</sup> IAA symposium on space policy regulation and economics (IAC E3)**  
Program Committee Chairs or representatives: B. Schmidt-Tedd / J. Masson
- **18<sup>th</sup> IAA Symposium on space debris (IAC A6)**  
Program Committee Chairs or representatives: C. Bonnal / J-C. Liou
- **UN/IAA workshop on small satellite at the service of developing countries (IAC B4.1)**  
Program Committee Chairs or representatives: S. Mostert / H. Du
- **IAA/IISL scientific legal round table: Global cooperation in planetary defense (IAC E7.6)**  
Program Committee Chairs or representatives: A. Harris / M. Onoda

## **6. REPORT FROM THE IAA PERMANENT COMMITTEES**

- **IAA Permanent Committee on Space Debris** (No oral report at the Commission meeting as the Committee was meeting on the same day – report provided to the Bureau of the Commission)  
Chair: C. Bonnal, Co-Chair: H. Klinkrad, Liou Jer-Chyi

## **7. OTHER BUSINESS**

- Suggestions to have meetings by teleconferences during the year between the IAA Spring meeting and the IAC.
- Discussion on finding volunteers for the Commission and, in particular, for the post of Commission's Secretary.

## **9. ADJOURN**

Next Commission 5 meeting will be in Paris during the IAA Spring Meeting 2020 in March