



**International
Academy of
Astronautics**

IAA Commission 5 Space Policies Law & Economics

Chair: Gabriella Arrigo

Scientific Activities Committee Report

September 8, 2022



Attendance

Online meeting on September 5, 2022

Alary Didier (Vice Chair), Arrigo Gabriella (Chair), Bonnal Christophe, Contant Jean-Michel, Dennemont Fabrice, Duvaux-Bechon Isabelle, Fu Rao, Haqq-Misra Jacob, Jorgenson Corinne, Kitazawa Yukihiro, **Lansard Erick (Secretary),** Mejia-Kaiser Martha, Molette Pierre, Smith Lesley Jane, Wang Guoyu, Wang Wei, Wood Danielle.



Current Studies

- **Study Group 5.10** Chairs: *Williamson/Smith LJ*
Orbital Debris Removal: Policy, Legal, Political and Economic
⇒ *The study has been published and some copies will be distributed during the IAC 2022 in Paris*
- **Study Group 5.16** Chair: *Prof. Liu Jizhong*
Study on International Policy and Legal Regimes for Space Natural Resources Exploitation and Utilization (SREU)
⇒ *A draft is available. The study has been organized and started the review process. The Group is looking for new members*



Current Studies (*continued*)

- **Study Group 5.17** – Chairs: *Bonnal/McKnight*
Space Debris Situation Report
⇒ *No progress. However, the Chair is thinking about a periodic update*
- **Study Group 5.18** - Chairs: *Denis / Jorgenson*
Space and disasters management: new systems, new usages and opportunities for international cooperation
⇒ *The study is in standby since 2 years. However, the study objectives are still fully relevant. The study established a new roadmap. It will be submitted to the Group in November for a common decision to how proceed*



Current Studies (*continued*)

- **Study Group 5.19** : – *Chair: Wood*

Opportunities for National Governments to Foster Space Traffic Management using the Space Sustainability Rating

⇒ *An overview has been presented to the Commission with a roadmap starting after IAC and AMOS conferences in September 2022.*



New Studies Proposals

- **Ecotax to fund space debris removal:** *D Alary*
 - *The text is ready. The study needs a template and a general communication*
- **Investigate a Transdisciplinary Approach to Protect the Dark and Quiet Sky from Satellite Constellation Interference:** *Moriba Jah*
 - *The study will review the views of government and private actors toward Extended Producer Responsibility (EPR) to understand the effects and impacts of satellites on dark and quiet skies for astronomers, planetary defense and Near Earth Object (NEO)*



IAA Conferences 2022

- **3rd IAA Conference on Space Situational Awareness**
Program Committee Chair: Riccardo Bevilacqua
4-6 April 2022 - www.icssa2022.com
- **STM 2022 Conference (IAA STM Committee)**
Program Committee Chair: Jah Moriba
Austin, USA – 2-3 March 2022



IAA Symposia at the IAC 2022, Paris, France

- **36th IAA symposium on space policy regulation and economics (IAC E3)**
Program Committee Chairs or representatives: B. Schmidt-Tedd / J. Masson
- **21st IAA Space Debris Symposium (IAC A6)**
Chair: C. Bonnal
- **24th UN/IAA workshop on small satellite at the service of developing countries, (IAC B4.1)**
Chairs: S. Mostert / N. Ricard – alternate Chair: D. Wood, Rapp: P. Molette
- **36th IAA/IISL scientific legal round table: Conversations about Commercialisation (IAC E7.6)**
Program Committee Chairs : M. Ferrazzani / P. Martinez / De Silva Curiel



Report from the IAA Permanent Committees

- **IAA Permanent Committee on Space Debris**
Chair: C. Bonnal, Co-Chair: R. Bevilacqua , Secr: P. Omaly
A meeting will be held in Paris during the IAC on September 17
- **IAA Permanent Committee on Space Traffic Management**
Chair: M. Jah, Co-Chair: Corinne Jorgenson
The online meeting was held on August 29
 - *The document on the STM will be presented for the signature of the IAA/IAF/IISL Presidents on September, 17 at the IAC in Paris, as a closure of the MoU signed in October 2018*



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Commission 5 Report to SAC

Thank you!