

IAA/IISL Scientific-Legal Liaison Committee

Summary of the 12th Regular Meeting

1. Date and Place

Guadalajara, Mexico – Thursday, 29 September 2016, 13:00-13:45

2. Participants

Kai-Uwe Schrogl (outgoing co-Chair), Frans von der Dunk (incoming co-Chair), Marc Haese (co-Secretary), Corinne Jorgensen, Bernhard Schmidt-Tedd; at the beginning, the co-Chairs of the day's Roundtable, Marco Ferrazzani (European Space Agency, ESA) and Barbara Ryan (Group on Earth Observation, GEO), were also present.

3. Change of Chairmanship

At the beginning of the Meeting Kai-Uwe Schrogl handed over the Chairmanship to Frans von der Dunk. The participants thanked Kai-Uwe for his outstanding work and achievements over the past 13 years. As of today the Bureau of the Liaison Committee will be composed of Frans von der Dunk (co-Chair; University of Nebraska), Rainer Sandau (co-Chair; IAA), Nicola Rohner-Willsch (co-Secretary; DLR), Marc Haese (co-Secretary; DLR)

4. Roundtable 2016 "The Future of Regional Cooperation"

The IAA/IISL Scientific-Legal Roundtable was held in the frame of the IAC2016 on 29 September from 09:45 to 12:45.

Agenda

Welcome Address

Anne Sulling, Member of Parliament Estonia, 2016-chair of ISEP board, Secretary General SGSC

Speakers

1. Camilo Guzman, Sergio Arboleda University, Colombia: "The Difficulties of Space Cooperation in Latin America"
2. Prof. Yun Zhao, the University of Hong Kong, Hong Kong: "The Role of Regional Space Cooperation in Procuring Space Security in the Asia-Pacific Region: a Prospect for Future"
3. Mrs. Timiebi Aganaba-Jeanty, World Space Week Association, Canada: "Realizing a Regional African Space Programme"
4. Mark Sirangelo, CEO, Sierra Nevada Corporation: "The Importance of Regional Cooperation in the Development of Large Space Systems"
5. Frans von der Dunk, University of Nebraska: "European Regional Cooperation in Space: Legal Aspects"

Just before the start of the Roundtable the Co-Chairs were informed that Anne Sulling (Welcome Address) had to call of her participation.

About 35 attendees joined the session, which was opened with short welcoming addresses by the President of the IISL, Tanya Masson-Zwaan, and the Secretary General of the IAA, Jean-Michel Contant. Subsequently, the co-Chairs of this year's Roundtable, Marco Ferrazzani (ESA) and Barbara Ryan (GEO) introduced the topic from a legal and a technical point of view. As Frans von der Dunk had to respond to a short-term commitment in the course of the Roundtable, his presentation was brought forward to the beginning. He compared the procurement and implementation procedures for space programmes of the European Space Agency (ESA) and the European Union (EU). Still acknowledging a lack of institutional compatibility, both entities have been learning to cooperate. The following three presentations by C. Guzman, Y. Zhao and T. Aganaba-Jeanty revealed the fact that dynamics of space activities as well as issues in regional cooperation are different amongst the regions of Latin America, Asia and Africa, respectively. Most influential factors are political stability, financial capabilities and conditions of the economic environment. However, all speakers underlined the importance of building trust and confidence in the development of regional frameworks for cooperation. They agreed that, basically, space offers good opportunities to support such development, e.g. in the frame of science or application related missions. The final presentation by M. Sirangelo gave insight into the variety of partnerships that large space projects require, on technological, governmental and legal side. The presentations were followed by lively discussions of about 1 hour, first amongst co-Chairs and speakers, then entering Q&A with the audience, with the primary question being how to better facilitate cooperation on regional or even global level.

A more detailed account of presentations and discussion can be obtained from the IISL proceedings.

The Committee concluded that: the focus on one core question (challenges in regional cooperation) triggered an interesting exchange; the format of 5 (also 6) speakers has allowed a good balance between presentation time and discussion time; the twofold discussion of, first, panel members and,

second, Q&A with the audience has enabled a broad debate; including speakers from the young generation (T. Aganaba-Jeanty) and the entrepreneurial side (M. Sirangelo) has added new and interesting views and can be considered very beneficial.

5. Preparation for the Roundtables 2017 and 2018

Roundtable 2017: "Technological and Legal Challenges for On-orbit Servicing"

The co-Chairs are confirmed as Tommaso Sgobba (International Association for the Advancement of Space Safety) and Richard Crowther (UK Space Agency).

Speakers are TBD by the IAF Spring Meeting 2017.

Action Item (Committee co-Chairs or Secretaries): *Requesting the Roundtable co-Chairs to start composing the set of speakers.*

Action Item (Committee co-Chairs and Secretaries): *Consider and propose potential speakers*

In order to increase the audience for the Roundtable a key note speaker could be identified and promoted as such, e.g. in the list of "Symposia Key Note Speakers" in the IAC Programme.

Action Item (F. v.d. Dunk): *Contact IAF about inclusion of a Key Note Speaker in the IAC Programme, and deadline for the Programme.*

Roundtable 2018: Following possible titles were discussed:

"Review of UNISPACE+50"; "Space Governance" (plus a more concrete sub-title).

Action Item (Committee co-Chairs and Secretaries): *Consider and propose detailed aspects for the above titles, or possibly any suitable other topic (e.g. check topics of IAA studies).*

NOTE: The topic for 2018 ought to be proposed at the IAF Spring Meeting 2017.

5. Next Meeting

During IAC 2017 in Adelaide, Australia, right after the Roundtable.