

## **Summary of the 11th Regular Meeting of the IAA/IISL Scientific-Legal Liaison Committee**

### **1. Date and Place**

Jerusalem, Israel, – Thursday, 15 October 2015, 12:30-13:30

### **2. Participation**

Schrogl (chair), Christiane Lechtenböcker (acting secretary), Herman Steyn, Frans von der Dunk, Jacques Masson, Yvon Henri, Mahulena Hofmann, Ulrike Bohlmann, Bernhard Schmidt-Tedd.

### **3. Roundtable 2015: Universities as Actors in Space**

Universities around the world have become new players in space activities, new constellations of players allow new cooperation between academia and industry. About 20+ participants joined the session which was opened by welcome remarks of the President of the IISL, Tanja Masson-Zwaan, and the Secretary General of the IAA, Jean-Michel Contant. It is desirable to improve the visibility of the roundtable e.g. by more advertising. The reduced number of participants for the 66th IAC could have been one reason. The chair Kai-Uwe Schrogl opened the Roundtable and set the scene. The speakers were very well prepared, the lectures were very informative which induced the phenomenon that several had problems to keep to the time with their presentations. The discussion after the presentations focused on several issues like the expected challenges for frequency management through upcoming mega constellations or the handling of different band requests by amateurs, commercial sector or military. Increasing interferences from ground based stations, mainly military bases, led to growing problems. Additionally a meanwhile very common procedure was addressed: the so-called "license shopping" or "flag state". The abundance of regulations (e.g. ratification of the outer space treaty) opens the door for a self-regulative market based upon offer and request. All discussed issues addressed university satellite projects. Especially for newcomers, here representatives from universities, the market, the procedures etc. are often confusing. One main recommendation by the representative of the ITU was: abide by existing regulations! Use existing instructions.

### **4. Preparation for the Roundtable 2016 – The Future of Regional Cooperation:**

Legal aspects: how does a regional cooperation acts in that respect? (> Frans von der Dunk?)

Status of the IAA-Study 511: comparative assessment of regional cooperation in space

View on space activities/applications for public tasks (> OOSA/S. di Pippo?)

Industrial level: space economy in different regions? (>OECD representative?)

Further possible speakers/contact persons: Executive Director COSPAR Jean-Louis Fellous, Anne Sulling Member of Parliament Estonia, 2016-chair of ISEP board, Secretary General SGSC.

Further approach to structure the talks: regulatory areas such as public, industry, science.

Representatives from IAA and IISL are favored for co-chairs in 2016.

Previously discussed items in the course of the spring meeting 2015, Paris:

Possible chairs: Murthi, India, Barbara Ryan, Secretariat Director of GEO, Geneva, Switzerland

Possible speakers: Rei Kawashima (Secretary General, UNISEC-Global, Japan) ; educational aspects in regional cooperation), Claire Jolly OECD ; economic factors for regional cooperation, Christina Giannopapa ESA; policies, Olavo de O. Bittencourt Neto, IISL, Prof. at Catholic University of Santos, Brazil.

Topics in waiting: Aspects of commercialization (2017?).

### **5. Next Meeting**

During IAC 2016 in Guadalajara, Mexico, right after the Roundtable.