

2017 IISL-ECSL SYMPOSIUM AT THE UNCOPUOS LEGAL SUBCOMMITTEE

LEGAL MODELS FOR EXPLORATION,
EXPLOITATION AND UTILIZATION OF SPACE
RESOURCES 50 YEARS AFTER THE ADOPTION
OF THE OUTER SPACE TREATY

United Nations Office in Vienna, Austria
27 March 2017

International Institute of Space Law (IISL) and European Centre for Space Law (ECSL)

“Legal models for exploration, exploitation and utilization of space resources 50 years after the adoption of the Outer Space Treaty”

Monday, 27 March 2017
15.00 – 18.00

Board Room D
Building C
Vienna International Centre

On the occasion of the 56th Session of the Legal Subcommittee of the United Nations Committee on the Peaceful Uses of Outer Space

Web site: <http://www.unoosa.org>

Introduction

“Space Mining” is regarded as a highly promising area of space activities with potentially huge economic benefits. It provides space exploration, whether robotic or human, with a bright and exciting perspective. It, however, also evokes questions and criticism. Exploiting space resources might lag some decades behind deep seabed mining, but such enormous endeavours need considerable time to develop. In addition, the world community will have to find the appropriate approach to organize the exploitation of space resources.

The Legal Subcommittee has prepared the Moon Agreement of 1979 and conducted its review in 1994. Since then space technology developments have accelerated and on the side of international law, deep seabed mining has been launched on the basis of a regime emanating from the 1992 Law of the Sea. This Symposium takes up questions, which have already been raised in the course of the debates on the implementation of the legal instruments

governing space activities. It intends to approach them from a multitude of perspectives thus providing new aspects, ideas and impetus for the dialogue amongst the Member States of UNCOPUOS during their formal deliberations.

Coordination Committee of the Symposium:

- Olavo Bittencourt (*IISL*), *Chair*
- P.J. Blount (*IISL*)
- Joanne Gabrynowicz (*IISL*)
- Diane Howard (*IISL*)
- Corinne Jorgenson (*IISL*)
- Sergio Marchisio (*ECSL*)
- Nicholas Puschman (*ECSL*)

Programme

Welcome by Chair LSC and Presidents IISL and ECSL

Hellmut Lagos Koller, Kai-Uwe Schrogl, Sergio Marchisio

Current International Legal Framework Applicability to Space Resource Activities

Fabio Tronchetti (Beihang University)

Perspectives from the Industry in Relation to National Regulation of Space Resource Activities

Rick Tumlinson (New Worlds/Deep Space Industries)

Lunar Resource Utilization and Development of Legal Perspective in Japan

Takeshi Hakamada (ispace, inc.)

Report on Title IV of the US Commercial Space Launch Competitiveness Act

Joanne Gabrynowicz (Journal of Space Law)

Considerations about Luxembourg's Draft Law on the Exploration and Use of Space Resources

Mahulena Hofmann (University of Luxembourg)

Developing Countries and the Exploitation of Natural Space Resources

José Monserrat Filho (Brazilian Association of Air and Space Law)

National Appropriation of Outer Space

Philip De Man (University of Leuven) and Stephan Hobe (University of Cologne)

The Hague Space Resources Governance Working Group

Tanja Masson-Zwaan (International Institute of Air and Space Law, Leiden University)

Concluding Remarks

Kai-Uwe Schrogl, President of the IISL

Sergio Marchisio, Chairman of the ECSL

Hellmut Lagos Koller, Chair of the Legal Subcommittee of COPUOS

