

**Important notice**

Non-Delegates

In order to attend the Symposium please submit your name to the Office for Outer Space Affairs and present this invitation, together with an appropriate identification document at the entrance of the Vienna International Centre.

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

**SPACE LAW SYMPOSIUM 2011**

**A new look on the delimitation of airspace  
and outer space**

Monday, 28 March 2011  
15.00 – 18.00h

Conference Room M01  
Building M  
Vienna International Centre

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On the occasion of the 50th Session of the Legal Subcommittee  
of the United Nations Committee on the Peaceful Uses of Outer Space

## INTRODUCTION

The question of the delimitation between air space and outer space has been on the minds of decision makers since the early times of the space era. While drawing the line between both spaces has primarily involved matters of sovereignty and national interests, commercial implications of delimitation have also had relevance in the discussions over delimitation. After the lethargy of considerations over the appropriate criteria to delimit air space and outer space, the debate is back to the legal forum invigorated by new commercial opportunities for spaceflight. The advent of orbital and suborbital flights is increasingly attracting the renewed attention of the legal community in search of the appropriate measures to regulate these activities. Their success will depend on how well tuned the legal framework is to support these new commercial ventures. The delimitation between airspace and outer space will naturally have an impact on the determination of the type of regulations as well as the appointment of the competent authorities in charge of these activities. This year's edition of the IISL-ECSL Symposium aims at contributing to the current discussions by bringing up the main questions triggered by this new scenario of commercial space activities.

### **Chairpersons:**

**Tanja Masson-Zwaan**, President IISL  
**Sergio Marchisio**, President ECSL

### *Coordination Committee of the Symposium:*

*Kai-Uwe Schrogl (Board of Directors, IISL), Chairperson*  
*Joanne Gabrynowicz (Board of Directors, IISL)*  
*Corinne Jorgenson (Executive Secretary, IISL)*  
*Maximilien Sánchez Aranzamendi (IISL)*  
*Raphael Miltcheberg (Executive Secretary, ECSL)*

## PROGRAMME

### *A short look back at a long debate*

Speaker: Catherine Doldtrina, McGill University, Canada

### *An engineering look at delimitation in light of technological changes*

Speaker: Luboš Perek, Learned Society of the Czech Republic, Czech Republic

### *Are there indications for upper and lower limits for air space and outer space in air law, space law and national legislation?*

Speaker: Marco Pedrazzi, University of Milan, Italy

### *Legal implications for delimitation of airspace and outer space*

Speaker: Joanne Gabrynowicz, University of Mississippi, United States of America

### *Delimitation and the commercial use of outer space*

Speaker: Sang-Myon Rhee, Seoul National University, Republic of Korea

### *Delimitation as an element for rules of the road. A space traffic management regime*

Speaker: Jean-Francois Mayence, Belgian Science Policy Office, Belgium

### *Concluding Remarks*

**Ahmad Talebadeh**, Chairman of the UNCOPUOS Legal Subcommittee  
**José Monserrat Filho**, Chairman of the Working Group on Matters relating to the definition and delimitation of outer space of the UNCOPUOS Legal Subcommittee