



**INSTITUTE OF AIR AND SPACE LAW  
UNIVERSITY OF COLOGNE**

**SURVEY OF ACTIVITIES  
2015**

INSTITUTE OF AIR AND SPACE LAW  
UNIVERSITY OF COLOGNE

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## PREFACE

Looking back at the work accomplished by the Cologne Institute in 2015, let me highlight our most important event: The Institute celebrated its 90<sup>th</sup> anniversary with a two days lasting ceremony. I enjoyed welcoming many guests, who are faithful to the Institute.

The leading scientists in the areas of air and space law have held a great conference, which was accompanied by a wonderful festive dinner in the special restaurant “[Wolkenburg](#)”.

During the conference we looked upon 90 years of air and space law as well as cyber law – this should indicate the development these areas took during the time of the Institute.

Moreover, the project „[Cologne Commentary on Space Law](#)“, launched in 2008 in close cooperation with the [German Aerospace Center, DLR](#) was terminated with the publication of Volume 3 in 2015.



We are very proud of having terminated this important scientific work!

In the following, a brief overall account will be given of the Institute’s activities relating to (1.) the Institute’s anniversary, (2.) teaching: lectures, seminars and dissertations as well as (3.) international lectures, (4.) cooperation with scientific institutions in the field of air and space law, as well as (5.) cooperation with

our scientific sister institutions in Montreal and Leiden, (6.) regular annual meetings and symposia, (7.) cooperation with national and international institutions/consultancies, (8.) research projects, workshops and colloquia of the Institute (selection), (9.) publications, (10.) publication in print, (11.) library and database of the Institute and last but not least, (12.) staff.

## **1. 90TH ANNIVERSARY OF THE INSTITUTE OF AIR AND SPACE LAW**

The Institute of Air and Space Law, University of Cologne, Germany, celebrated its 90<sup>th</sup> anniversary and held a symposium on 28<sup>th</sup> May 2015 to mark this milestone. More than 100 participants from more than 20 countries came together to celebrate the Institutes achievements. The symposium consisted of three sessions on air law, space law and cyber law with high-profile speakers from all over the world. The presentations and discussions addressed the historical developments as well as the challenges ahead. The symposium was followed by a reception and a gala dinner at the restaurant Wolkenburg. A special highlight of the evening was the speech of German ESA astronaut [Dr Alexander Gerst](#), who presented his [blue dot mission](#).<sup>1</sup>

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<sup>1</sup> For more details see: *Anna Recker*, in: *Zeitschrift für Luft- und Welt-raumrecht* (German Journal of Air and Space Law) 2015, p. 511.

## **1.1. HISTORY OF THE INSTITUTE OF AIR AND SPACE LAW**

At the occasion of the Institute's 90<sup>th</sup> anniversary the Institute's Director published a new edition of the overview on the Institute's history and its current activities. It is based on the previous editions of the brochure, which were prepared by Dr Horst Bittlinger and Dr Marietta Benkö.

90 years is a considerable age for a scientific institution. Only few scientific institutions in the world are older than 100 years.

The Institute's history goes back to 1925. It was founded in Königsberg (now Kaliningrad), then moved to Leipzig and later to Berlin. It was re-founded in 1951 by Professor [Alex Meyer](#) at the University of Cologne. It did not start as an Institute but as a "Research-Department": As the sole German institute of air law, the Cologne institution was supposed to demonstrate at a worldwide scale the growing importance of air traffic, and the increasing role Germany would play in it, despite the then still lasting prohibition of undertaking own air traffic.

Later, in the 1960ies, the field of space law was added to the research and consultation field of the Institute. Nowadays, these are the two basic areas of interest, the Institute focuses on. It celebrates its 90<sup>th</sup> anniversary in 2015 as an internationally recognized center of research and as a place of consultation, where air and space law at national European and international level is taught.

## 1.2. SYMPOSIUM

At the occasion of the 90<sup>th</sup> anniversary of the Institute of Air and Space Law, a symposium was arranged on May 28<sup>th</sup> at the University of Cologne. Representatives of various entities discussed current developments of air, space and cyber law.

Prof. Dr Stephan Hobe welcomed the guests with an introduction into the history of the Institute, beginning with the establishment in Königsberg in 1925 by Prof. Otto Schreiber, known as a pioneer of air law, and further elaborating the personal and functional development of the Institute. The era of Hans Opikofer in Leipzig, Rüdiger Schleicher in Berlin as well as Alex Meyer and Karl-Heinz Böckstiegel, who attended the opening reception at the anniversary celebration, were presented. Moreover, Prof. Hobe gave an overview over the current activities of the Institute, including lectures, publications and seminars. Special regard was spent on the publication of the Cologne Compendium on Air Law in Europe, the Cologne Commentary on Space Law and the Journal of Air and Space Law. Also the successful participation of students in Moot Court Competitions is one of the various activities supported by the Institute of Air and Space Law today.

The symposium was divided into three panels: air law, space law, and cyber law. Highly skilled speakers from all over the world participated in discussions on topics in these three panels.

Prof. Elmar Giemulla, Prof. Pablo Mendes de Leon, Prof. Wolf Müller-Rostin and Prof. Brian Havel spent their efforts on the current issues of air law. Further, Ms Tanja L. Masson-Zwaan, Prof. Ram Jakhu, Prof. Irmgard Marboe and Prof. Steven Free-land continued with their papers and contributions in the field of Space Law. Coming to Cyber Law, Prof. Kai-Uwe Schrogl, Prof. Dan Jerker B. Svantesson and Mr Stefan A. Kaiser presented their scientific elaborations.

At the end, Prof. Paul S. Dempsey and Prof. Stephan Hobe proudly concluded that the guests of the 90<sup>th</sup> anniversary of the Institute of Air and Space Law are bound by a mutual passion for air, space and cyber law.



### **1.3. GALA DINER**

After the symposium, the anniversary event continued with a dinner. Many of the participants and guests of the symposium, but also further highly regarded representatives from politics and economy came together in the location of “Wolkenburg”.

A special highlight was the presentation of Dr Alexander Gerst, a professional astronaut from the European Space Agency (ESA). He gave an impressive account of his experiences in Outer Space on board of the International Space Station (ISS), emphasized by breathtaking pictures of his mission Blue Dot.



## **2. TEACHING: LECTURES, SEMINARS AND DISSERTATIONS**

### **2.1. LECTURES**

The Institute offers an [introductory course](#), in both, air and space law.

The lectures in the winter semester (October to February) are devoted to air law and in the summer semester (April to July) to air law. These courses which are taught in a compact way during two and a half days and in English provide an overview over the most important aspects of air or space law respectively. During these days Prof. Hobe invites leading specialists from the aviation and from the space law field to present their areas of specialisation to the students. At the end of the lectures students can take a final exam which is rated with two credit points. These credits can be used as a specialisation for the German Final State Examination in Law as well as for obtaining a Master's degree in law at the Cologne Law Faculty. Moreover, a seminar in air law or in space law is held every other semester.

In the winter term 2014/15 the compact course on air law was presented and again constituted a full success with about 20 students.

## 2.2. MOOT COURTS

Moreover, since 2010 the Institute participates in the Manfred Lachs Space Law Moot Court Competition. In 2010 the team consisting of Lisa Küpers, Erik Pellander and Martin Reynders won the European Round and was finally awarded the [3rd prize](#) in the world finals during the International Astronautical Congress in Prague. In 2011 the Institute's team (Pauline Riecke, Nico Herbst, Lukas Deutzmann) was awarded the price for the [best memorials](#) within the scope of the European regional round in St. Petersburg. In 2012, the [team](#) consisting of Justin Gräfer, Charlotte Möller and Tarek Boulakbeche made it into the finals of the European Round in Bucharest, Romania and came in second after the National & Kapodistrian University of Athens. The Cologne team received the price for best memorials. In 2013 the team (Laura Nagel and Lydia Pfeffer) made it into the semi-finals (of the European Round) in Rome and Laura Nagel received the best oralist award. Last year, the Institute's Team consisting of Alice Sharif, Jan Steuernagel und Jennifer Zurkowski received again the price for the best memorials. This year, Luisa Folkmann, Bernd Weidner and Tobias Schlüter are preparing their memorials for the 2016 Manfred Lachs Moot Court.

## 2.3. DOCTORAL STUDENTS

Also in 2015 there is a number of doctoral students – approximately 15 – who write their legal dissertation in the areas of air

and space law under Prof. Hobe's supervision. Among those doctoral researchers are besides students from Germany, those from Brazil, China, Croatia, India, South Africa and Spain. At the end of each semester, normally in February and in July, some doctoral students are asked to present their work in the doctoral seminar, which brings together all the doctoral students of Prof. Hobe. Here not only doctoral students from the areas of air and space law are represented but also students from other areas of public international law, European law and international economic as well as international investment law.

### **3. INTERNATIONAL LECTURES**

Since a couple of years the Director of the Institute has started to give a series of lectures on air and space law abroad. In 2015 he lectured in South Africa, Bulgaria, Lebanon, China and India.

The teaching in South Africa took place again at the University of Pretoria. In 2015 the fifth course on air, space and telecommunications law, a pioneer course on the African continent, has been presented. It is a two weeks course which provides an introduction into air and space as well as telecommunications law and allows also master's students to write their theses on a subject of air and space law. In 2015 a total of 15 students had selected air or space law as their specialization of which 5 students were inscribed in the LL.M. program and took air and space law as specialization for their LL.M. in international law. So far Prof. Hobe has supervised 23 master's theses. In recognition of his extraordi-

nary work for the Faculty of Law Prof. Hobe has been nominated as an extraordinary professor of the University of Pretoria.

At the University of Sofia, Bulgaria, Prof. Hobe teaches air law as a specific segment of international transport law which is provided for by Prof. Nikolay Natov of St Kliment Ohridski University, Sofia.

In Lebanon, the Director gave a few lectures on aviation law in the classes of public international law. Here, the comparison to portions of maritime law were of particular interest.

In the People's Republic of China, Prof. Hobe gave a specific lecture on space law at [Beijing Institute of Technology](#). Moreover, he taught a lecture on space law at the United Nations Campus which is associated to [Beihang University](#), where he gave another lecture on aviation law to Beihang students.

In India, Prof. Hobe gave his annual 10-days course on aviation and space law at the Gujarat National Law University, which was followed by a specific examination.

Finally, the year was closed with Prof. Hobe teaching for the first time at [Université Paris XI \(Paris-Saclay\)](#) a course on space law to the specific master's students there.

#### **4. COOPERATION WITH SCIENTIFIC INSTITUTIONS IN THE FIELD OF AIR AND SPACE LAW**

The long-standing cooperation between the Cologne Institute and the [International Institute of Space Law](#) (IISL) is formalised by the fact that Prof. Hobe is a member of its [Board of Directors](#) as well as Chairman of its Directorate of Studies.

Prof. Hobe is also a full member of the [International Academy of Astronautics](#) (IAA).

Furthermore, he currently acts as General Rapporteur of the [Space Law Committee of the International Law Association](#). Together with the Chairperson of the Committee, Prof. Silvia-Maureen Williams, he prepares the respective sessions as well as the Committee reports. The Committee commenced its work inter alia on suborbital vehicles at the 2014 Washington Biannual Conference which will be followed in 2016 by the ILA Conference in Johannesburg, South Africa.

Prof. Hobe is also a member of the Committee of Management of the [European Air Law Association](#) (EALA) and full member (membre titulaire) of the [Académie de l'Air et de l'Espace](#) in Toulouse.

In order to promote and support the teaching of space law on the European level, the Institute is co-operating with the [European Centre for Space Law](#) (ECSL) with the aim of bringing together scholars teaching and students learning space law at various uni-

versities, and colleagues dealing with international and European law, the law of telecommunications, the protection of intellectual property rights, the law of the sea and international air law. By this cooperation, related fields of law should be brought into direct contact with legal norms relating to special activities in the exploration and use of outer space. The Centre offers as one of its main activities a summer school, in 2015 in Caen, France, also attended by German students, and a Practitioner's Forum which is regularly held in March at ECSL headquarters in Paris. Prof. Hobe belongs to the Board of Directors of the ECSL and the Cologne Institute of Air and Space Law serves as National Point of Contact (NPOC) for ECSL.

## **5. COOPERATION WITH OUR SCIENTIFIC SISTER INSTITUTIONS IN MONTREAL AND LEIDEN**

As a tradition, cooperation of the Institute is also continued with other university institutes of air and space law, namely the [Institute of Air and Space Law at McGill University](#), and with the Leiden [Institute of Air and Space Law](#). For this reason, Professor Paul S. Dempsey, Director of the Montreal Institute of Air and Space Law and Ram Jakhu, Professor for International Space Law at this Institute were invited to give presentations at the 90<sup>th</sup> anniversary celebration of the Cologne Institute.

Prof. Hobe is also a member of the Advisory Board of the International Institute of Space Law (IISL) at Leiden University. Here,

he regularly participates in the sessions of the Advisory Board and in other activities of the Institute such as the review of doctoral theses and the participation in defences of doctoral dissertations. Both directors, Prof. Mendes de Leon and Ms Masson-Zwaan participated with own papers at the symposium at the occasion of the 90<sup>th</sup> anniversary of the Institute of Air and Space Law. Moreover as a sign of the close relationship of the sister institutions, the Advisory Board of the Leiden Institute was invited in 2015 to hold its regular session in Cologne at this occasion. It was a particularly successful meeting in the very unique location of “[Hahnentorburg](#)“.

## **6. REGULAR ANNUAL MEETINGS AND SYMPOSIA**

### **6.1. “FACHGESPRÄCH LUFTRECHT“ (ANNUAL SPECIAL SESSION ON AIR LAW)**

Since 2002, each year the so-called „Fachgespräch Luftrecht“ (Annual Special Session on Air Law) is held at the University of Cologne, where scholars and practitioners come together at the Institute for an informal exchange of views on important current issues of practical relevance. In 2015 this session did not take place because of the academic symposium to celebrate the 90<sup>th</sup> anniversary of the Institute.

## **6.2. AIR AND SPACE LAW COMMITTEES OF THE GERMAN ASSOCIATION OF INTERNATIONAL LAW AND THE GERMAN SOCIETY FOR AERONAUTICS AND ASTRONAUTICS (ANNUAL SESSION)**

In 2015 the joint annual sessions of the Air and Space Law Committees of the [German Association of International Law](#) and the [German Society for Aeronautics and Astronautics](#) were chaired by Prof. Hobe and hosted at the Hahnentorburg in Cologne in the context of the festivity concerning the Institute's 90<sup>th</sup> anniversary. Here, relevant aviation and space actors from airports, airlines, the industry, German Federal Ministries, the German Aerospace Center etc. come together for an exchange of views and information. Moreover, all aviation and space law stakeholders in Germany (airports, airlines, ministries, DLR and UNCOPIOS) gave short reports on the current work during the past year. Further information can be found in the report on the Annual Session on Air and Space Law 2015.<sup>2</sup>

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<sup>2</sup> See: *María Armingol Suárez*, Sitzung der Fachbereiche L 7.1 und R 3.2 "Luft- und Weltraumrecht" der Deutschen Gesellschaft für Luft- und Weltraumrecht (DGLR) und des Ausschusses „Luft- und Weltraumrecht“ der Vereinigung für Internationales Recht (DVIR), 28. Mai 2015, *Zeitschrift für Luft- und Weltraumrecht (German Journal of Air and Space Law) 2015*, pp. 676 – 680.

## **7. COOPERATION WITH NATIONAL AND INTERNATIONAL INSTITUTIONS/CONSULTANCIES**

The Cologne Institute closely cooperates with many national and international institutions in the field of air and space law.

In this context, the traditional collaboration with the German Federal Ministry of Transport and Digital Infrastructure established over 60 years ago is of particular importance. The most significant common project in this framework, namely the Zeitschrift für Luft- und Weltraumrecht, ZLW ([German Journal of Air and Space Law](#)), was established in 1952 and is continued regularly until today (see sec. 4.1 below). Thereby, close ties were developed between the two institutions accomplished by a regular exchange of views and information between experts, bringing together the practical know-how and experience of the Ministry with the scholarly work of the Institute.

The Institute's advice and expert opinions are also well received by various other German institutions (e.g. [Federal Ministry of Education and Research](#), [German Aerospace Center](#) (DLR) and the space industry.

Moreover, the Institute provides valuable advice to the [United Nations Committee on the Peaceful Uses of Outer Space \(UNCOPUOS\)](#) by Prof. Hobe as legal advisor of the German delegation.

Since 2003, the Institute also co-operates with the UN Office for Outer Space Affairs, especially with respect to the collection and evaluation of international and national space legislation. In this context, the Institute relies on its available resources acquired through its loose-leaf collection „[Space Law: Basic Legal Documents](#)“ edited by Prof. Karl-Heinz Böckstiegel and Dr Marietta Benkö.

## **8. RESEARCH PROJECTS, WORKSHOPS AND COLLOQUIA OF THE INSTITUTE (SELECTION)**

### **COLOGNE COMMENTARY ON SPACE LAW (CoCoSL)**

In 2014 one of the flagship projects of the Institute was terminated. With the appearance of Volume 3 containing all important resolutions of the United Nations General Assembly relevant for the uses of outer space the three-volumed book series has been completed. The project had commenced as early as 2007.

In autumn 2009, Volume 1 commenting on the Outer Space Treaty was published and officially presented to a broad audience in October at the 60th International Astronautical Congress in Daejeon (Republic of Korea). In 2010 it was awarded the [IAA Social Science Book Award](#). Volume 2 was published in March 2013 and presented to the UNCOPUOS Legal Subcommittee.

This project was carried out in cooperation of the Institute with the [German Aerospace Center \(DLR\)](#). It aimed at providing a commentary on the norms of space law as contained in the five UN Space Treaties and all relevant General Assembly Resolutions in this field. The commentary is edited by [Prof. Stephan Hobe](#), [Dr Bernhard Schmidt-Tedd \(DLR\)](#) and [Prof. Kai-Uwe Schrogl \(ESA\)](#). It shall serve as legal reference book for scholars and practitioners alike.

## 9. PUBLICATIONS

### 9.1. ZEITSCHRIFT FÜR LUFT- UND WELTRAUMRECHT, ZLW (GERMAN JOURNAL OF AIR AND SPACE LAW, REVUE ALLEMANDE DE DROIT AÉRIEN ET SPATIAL)

The German Journal of Air and Space Law (ZLW) is the only publication of this kind in Germany and one of about half a dozen worldwide. It is edited in a quarterly rhythm by the Director of the Institute of Air and Space Law at the University of Cologne since 1951. The ZLW publishes contributions on German and international air traffic law and international space law as well as legislation, conference reports, judicial decisions and book reviews in these fields.

The Journal is not only available as a hardcopy, but also as an Online-Version on [www.zlw.heymanns.com](http://www.zlw.heymanns.com), since 2012 free of charge for subscribers of the Journal. In addition, ZLW is also available through the international database [HeinOnline](#).

On the occasion of the 90<sup>th</sup> anniversary of the Institute a special issue of the German Journal of Air and Space Law was delivered which contained, besides greetings from the then President of the International Court of Justice Peter Tomka and Judge emeritus Abdul Koroma as well as State Secretary Michael Odenwald, eleven important contributions on the development of air law, space law, and cyber law. They are listed here:

#### **Air Law**

- *Dempsey, Paul Stephen*, The Future of International Air Law in the 21<sup>st</sup> Century, German Journal of Air and Space Law, pp. 215.
- *Giesberts, Ludger*, State Aid to Airports and Airlines, German Journal of Air and Space Law, pp. 256.
- *Kaul, Ranja*, The Future Air Transport from a Developing Country Perspective: India 2014-2019, German Journal of Air and Space Law, pp. 233.
- *Manuhutu, Frank / Gerhard, Michael*, Perspectives of the European Aviation Safety Agency – Further Development of the European Civil Aviation Safety System, German Journal of Air and Space Law, pp. 310.
- *Menges, Volker*, Pricing Freedom under Regulation (EC) No. 1008/2008, German Journal of Air and Space Law, pp. 248.
- *Schmalenbach, Dirk*, Recent developments in Aircraft Finance with Special Regard to the Cape Town Convention, pp. 270.

### **Selection of further interesting Articles from 2015**

- *Abeyratne, Ruwantissa*, Civil Air Transport Over Conflict Zones – ICAOS's Role in Risk Management, German Journal of Air and Space Law, pp. 18.
- *Natov, Nikolay*, The Judicial Practice in the Republic of Bulgaria Related to EU Air Law Instruments., German Journal of Air and Space Law, pp.30.

### **Space Law**

- *Ferrazzani, Marco / Soucek, Alexander*, Experiences from and Prospects for the ESA Convention, German Journal of Air and Space Law, pp. 288.
- *Larsen, Paul B.*, Berlin Space Protocol: Update, German Journal of Air and Space Law, pp. 288.
- *Martinez, Peter*, The Development of Space Law in South Africa, German Journal of Air and Space Law, pp. 353.
- *Tronchetti, Fabio*, The Problem of Space Debris: What can Lawyers do About it?, German Journal of Air and Space Law, pp. 332.

### **Selection of further interesting Articles from 2015**

- *Abhijeet, Kumar*, Appropriation of Space? – Apollo Lunar Landing Legacy Bill as a Trigger for Colonization of Space? German Journal of Air and Space Law, pp. 653.

- *Schrogl, Kai-Uwe*, The 2014 and 2015 Sessions of the UNCOPUOS Legal Subcommittee – A Personal Assessment, *German Journal of Air and Space Law*, pp. 481.

### **Cyber Law**

- *Kaiser, Stefan A. / Mejía-Kaiser, Martha*, Cyber Security in Air and Space Law, *German Journal of Air and Space Law*, pp. 396.

## **9.2. SPACE LAW – BASIC LEGAL DOCUMENTS**

This [publication](#) was founded as a loose-leaf collection in 1989 by Prof. Karl-Heinz Böckstiegel and Dr Marietta Benkö. It consists of five volumes (by now) with approximately 4500 pages, which are updated on a regular basis. Instalment 18 was published in autumn 2015. The collection is an essential reference and research tool for all those involved in the formulation, implementation and operation of space law and policy ([table of contents](#)).

The collection is also [available online](#) (for subscribers of the printed version free of charge) on the website of [Eleven International Publishing](#).

### **9.3. SCHRIFTEN ZUM LUFT- UND WELTRAUMRECHT/STUDIES IN AIR AND SPACE LAW/ ETUDES DE DROIT AÉRIEN ET SPATIAL (SERIES)**

This [Series](#) was founded by Prof. Karl-Heinz Böckstiegel in 1979 with the publishing house [Carl Heymanns Verlag](#) and is continued by Prof. Stephan Hobe since 2001.

It comprises traditionally a number of doctoral dissertations written under the supervision of the director of the Institute as well as other qualified studies. It also includes the proceedings of international colloquia organised by the Institute. Manuscripts in German as well as in English are eligible for publication in the series. Until 2014, 34 volumes were published in these series.

### **9.4. PUBLICATIONS AND EDITIONS BY THE DIRECTOR AND THE RESEARCHERS OF THE INSTITUTE (SELECTION)**

#### **9.4.1. PUBLICATIONS**

- *Armingol Suárez, María*, Sitzung der Fachbereiche L 7.1 und R 3.2 “Luft- und Weltraumrecht” der Deutschen Gesellschaft für Luft- und Weltraumrecht (DGLR) und des Ausschusses „Luft- und Weltraumrecht“ der Vereinigung für Internationales Recht (DVIR), 27. Mai 2015, *Zeitschrift für Luft- und Weltraumrecht (German Journal of Air and Space Law)* 2015, pp. 676 – 680.
- *Hobe, Stephan*, Technological Development as a Challenge for the Development of Air and Space Law, written for the celebra-

tion of the 10th Anniversary of the Xiamen Academy for International Law, forthcoming in 2016.

- *Hobe, Stephan*, Rechtsprobleme unbemannter Flugobjekte in: Delbrück / *Heinz* / Odendahl / Matz-Lück / Arnould, Aus Kiel in die Welt (Eds.): Kiel's Contribution to International Law, Festschrift zum 100-jährigen Bestehen des Walther-Schücking-Instituts für Internationales Recht. Essays in Honour of the 100th Anniversary of the Walther Schücking Institute for International Law, Berlin, 2014, pp. 249-264, ISBN: 978-3-428-14432-7.
- *Hobe, Stephan et al.*, Space Benefits Declaration, in: Hobe / Schmidt-Tedd / Schrogl (Eds.), Cologne Commentary on Space Law, Vol. 3, 2015, pp. 292 – 362.
- *Hobe, Stephan*, Space Applications for the Polar regions – An Overview, in: Proceedings of the 56<sup>th</sup> Colloquium on the Law of Outer Space, in Beijing China, Washington 2014, pp. 569-574, ISBN: 978-94-6236-440-0 (with Mani, V. / Haifong, Z.).
- *Hobe, Stephan*, Rezension Handbuch des Luftverkehrsrechts, *Schwenk / Giumulla*, in: Archiv des öffentlichen Rechts 2014, S. 493-494.

## 2015

- *Hobe, Stephan*, Evolution of the Principle on Permanent Sovereignty over Natural Resources, in: Bungenberg/Hobe Hrsg.), Permanent Sovereignty over Natural Resources, 2015, pp. 1 – 28.

- *Hobe, Stephan*, Drones in International Law: The Applicability of Air and Space Law. in: (Hans-Joachim Heintze/Pierre Thielbörger (Hrsg.) From Cold War to Cyber War, 2015, 107 – 112, ISBN 978-3-319-19086-0.

#### 9.4.2. EDITION: „ESSENTIAL AIR AND SPACE LAW“ (EASL)

This [Series](#) was founded and is still edited by *Dr Marietta Benkö* at Eleven International Publishing, The Hague, in 2005 with the aim of establishing a collection of prominent studies for experienced practitioners (e.g. lawyers, policy makers in governments, national and international organisations and private entities) as well as for scholars involved in the research and study of air traffic and space law. The editor encourages the submission of *inter-disciplinary* studies that are co-authored by lawyers and technical experts, possibly in cooperation with political scientists and/or disarmament experts.

In 2015 the series was continued with the following publications:

- *van Schyndel, Heiko*, Aviation Code of the Russian Federation, Volume 13, The Hague, 2015.
- *Piera Valdés, Alejandro*, Greenhouse Gas Emissions from International Aviation: Legal and Policy Challenges, Volume 14, The Hague, 2015.

## 10. LIBRARY AND DATABASE OF THE INSTITUTE

The [library](#) of the Institute has a long-standing tradition. It was founded in 1951 with a collection of all publications, documentation and relevant materials in the field of air and space law, comprising legislation, judicial decisions, policy papers as well as legal literature. The library is unique in Germany and together with the relevant collections at [McGill University in Montreal](#), Canada and [Leiden](#), The Netherlands, it is one of only three major collections worldwide.

The Cologne library is a reference library, open not only to students from the University of Cologne but to the general public (Opening Hours: Mondays - Thursdays from 10.00 - 16.00). It is also [depositary](#) for all official ICAO documents in Germany and it was the first library to have a database specialized on space law. The database (online-catalogue) consists of more than 18.000 catalogue entries. It refers to all monographs, journals, conference reports as well as individual articles of the authors available at the Institute. Since 2002, the catalogue has become accessible via internet through the general online-catalogue of Cologne University ([Kölner UniversitätsGesamtkatalog = KUG](#)). Through this, website users from all over the world can either search the general catalogue of the (entire) University Library or directly search the [catalogue of the Institute of Air and Space Law](#). The former Librarian Denise Digrell along with some student assistants has made sure that by now the entire catalogue is accessible. Since February 2014, her successor [Anna Wiebe](#) has assumed the responsibility

for the library and takes care of acquisition, exchange and research.

A list of new acquisitions of the library can be subscribed to via [RSS](#) feed.

The library also offers access to many other national and international databases (i.e. the German database JURIS as well as WESTLAW, [HeinOnline](#), [JSTOR](#), the [Max Planck Encyclopedia of Public International Law](#) and [many more](#)) as well as to e-journals from all over the world. Moreover the Institute's own Journal (ZLW) and Basic Legal Documents are available online, after consultation with the librarian.

## **11. STAFF**

As a specific sign of recognition the Cologne Faculty of Law appointed Prof. Wolf Müller-Rostin as honorary professor in January 2015. Wolf Müller-Rostin who did his doctoral dissertation under the supervision of Prof. Karl-Heinz Böckstiegel had his professional career with Deutsche Lufthansa. For many years he was director of DELVAG, the special insurance company of Lufthansa. He has published many articles mainly on private air law and air insurance law and has taught and still teaches many courses at the Institute. We are extremely pleased and proud to have such a profiled air lawyer as an honorary professor in our midst.

## WHAT'S UP IN 2016?

Of course, not every year we can celebrate such a special day like the 90<sup>th</sup> anniversary of the Institute. But I am optimistic that in 2016 we will find exciting topics and projects for a considerable contribution of the Institute.

Stay with us!!

A handwritten signature in black ink, appearing to read 'Stephan Hobe', written in a cursive style.

Professor Dr Stephan Hobe

DIRECTOR