

INTERNATIONAL INSTITUTE OF SPACE LAW

of the

**International Astronautical
Federation**

A BRIEF HISTORY

**HISTORY
of the
INTERNATIONAL INSTITUTE OF SPACE LAW
of the International Astronautical Federation
(1958-1982)**

by
Dr. Eugène Pépin
Honorary President
of the Institute

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**HISTOIRE
de
L'INSTITUT INTERNATIONAL
DE DROIT SPATIAL
de la Fédération astronautique internationale
(1958-1982)**

par

**Dr. Eugène Pépin
Président d'Honneur
de l'Institut**

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Dr. Eugène Pépin
President
International Institute of Space Law
1963 - 1973
Honorary President 1973 -

FOREWORD



**Prof. Dr. I.H. Ph. Diederiks-Verschoor
President**

Prof. Dr. Eugène Pépin, President of the International Institute of Space Law from 1963-1973, and since that time its Honorary Director, has had a varied and impressive career.

Dr. Pépin is an outstanding lawyer with wide experience and knowledge in air and space law, and he also has a degree in the Literary Faculty (*licensié lettres*). From 1918 to 1920, Dr. Pépin was a member of the redaction committee (*membre comité de redaction*) of the Peace Conference, and then proxy of the Legal Bureau of the Minister of Foreign Affairs; from 1920 to 1930 he was consultant at the Ministry of Foreign Affairs; from 1930 to 1933 he was added as consultant to the Japanese Ministry of Foreign Affairs; from 1922 to 1944 he was a member of the Legal Committee of the International Aviation Commission; during 1944 to 1954 he was Head of the Legal Bureau of the International Civil Aviation Organization; 1954 to 1958 Director of the Institute of Air and Space Law of McGill University in Montreal; and since 1958 Dr. Pépin has been teaching international law at the Institute of International Relations Contemporaines.

Dr. Pépin has given several courses at the Academy of International Law, The Hague, and has been invited to give lectures all over the world, including several universities in South America and

Asia. He has published many articles which reveal his pioneering and original spirit and reflect his broad experience.

Dr. Pépin's merits have been recognized by outstanding awards: the Legion d'honneur, the Cross of the War G.M.I., the Order of the Rising Sun, and the Andrew G. Haley Gold Medal. Moreover, a doctorale^e honoris causa was bestowed upon him by McGill University in 1975.

Equally noteworthy to Dr. Pépin's preeminent career is his personality for he is always interested in persons and affairs, kind and understanding, and full of energy and vitality. This History of the International Institute of Space Law is the work of Dr. Pépin, and the Institute is pleased to honor him with its publication.

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Honorary President
International Institute of Space Law

I. International Astronautical Federation and Legal Problems

Until 1958 the International Astronautical Federation did not include any studies on legal space problems. Certainly the International Congresses on Astronautics, which have been meeting every year since 1950, have occasionally heard legal communications: in Stuttgart in 1952 by Dr. Meyers; in Innsbruck in 1954 by Dr. Cocco; in Rome in 1956 by Dr. Cocco and Dr. Pépin; and in Barcelona by Dr. Haley and Dr. Pépin.

It is actually in Barcelona, on October 8, 1957, namely four days after the first artificial Earth satellite was placed into orbit that the Eighth International Congress on Astronautics established a special Committee in charge of "defining the respective areas of jurisdiction for air and space law." After an exchange of views among its members, this Committee proposed to the Federation the inclusion in its program for the Ninth Congress, an international meeting of jurists expert in space law. This is the origin of the International Colloquia on space law.

At this First Colloquium, which was held at The Hague in 1958, with 44 participants from ten countries, Andrew Haley, President, explained the legal problems that would undoubtedly be raised by the exploration and use of outer space and, consequently the necessity of providing the Federation with a committee to study these problems. On a motion by Dr. Eugene Pépin, and with the assent of a small drafting group, the following resolution was prepared:

"The legal problems resulting from the development of
Astronautics will be solved by a new International Con-
vention;

"Within the framework of the Federation a *Permanent*

Legal Committee will be set up, which will be open to jurists of various associations or groups affiliated with the Federation and whose members will have to study all problems concerning space law to be included in the above mentioned Convention;

"The present Resolution will be communicated to the Secretary General of the United Nations, who will be assured of the Federation's desire to co-operate with any initiative that the United Nations Organization will take in the area of Astronautics."

This Resolution, unanimously approved by the members of the Colloquium, was formally adopted on October 29, 1958, by the Ninth Congress of the International Astronautical Federation.

Andrew Haley was requested to invite all interested jurists in the entire world to participate in this permanent legal committee. By April 1959 a membership list was formulated and a Second Colloquium or session of the Permanent Committee—was included in the program of the Tenth International Congress on Astronautics.

This Second Colloquium met in London on September 4, 1959 under the chairmanship of Christopher Shawcross and heard various communications. Upon motion by J.J. Hanraham and Kenneth A. Finch, the following resolution was adopted:

"The Permanent Legal Committee, now in existence, is replaced by an *International Institute of Space Law*, and an ad-hoc Organizing Committee, including 5 persons and a secretary, is authorized to prepare the by-laws for the organization and management of this Institute, in accordance with the Constitution of the Federation and submitted to the approval of the Federation's Council at a later meeting."

The following addition was proposed by E. Pépin in order to speed up the work of the future Institute:

"The General Counsel of the Federation (Andrew Haley) is authorized to establish immediately such necessary task forces to study legal space problems which are now subject to regulations, e.g., the allocation of radio frequencies for outer space, presently under study by the International Telecommunication Union (ITU)."

Several task forces were then set up and exchanges of views started among their members. On its part, the Organization Committee (President, Christopher Shawcross; A. Haley, Secretary: M. Smirnoff, F. Gerlach, R. Hombourg and J.C. Cooper), which met in Paris on May 24, 1960, established a set of by-laws for the future Institute, a project which was finally adopted by the Bureau of the Federation at its Eleventh International Congress on Astronautics held in Stockholm in August 1960.

II Aims and Objectives of the Institute

The aims and objectives of the Institute are defined in Article II of the by-laws which have been amended several times and whose present complete text is given in Annex I.

In addition to legal opinions it must provide, upon request made by the President of the Federation or the President of the Academy, the Institute must:

- co-operate with any appropriate international organization and any national institution in the area of space law;
- accomplish other tasks considered necessary to develop the “social science” aspects of astronautics, space navigation and exploration;
- publish surveys, reports and other publications;
- make awards;
- hold meetings and Colloquia on legal and sociological aspects of space science and make surveys and reports.

The tasks of the Institute are therefore multidisciplinary.

III. Organization and Management of the Institute

A. Composition

The members of the Institute are elected for life by a majority vote of the Board of Directors on the recommendation of either one Director or three members.

The Institute comprises presently 320 members, from 42 countries. They are professors of law (international law, air law, space law), legal consultants from international organizations or governments, magistrates, lawyers, jurists connected with organizations or associations concerned with space activities (industry, insurance), experts in the social sciences, including particularly political science, international relations, and economics.

The members of the Institute meet once a year at a general assembly which must elect or re-elect the Directors and also consider past and future policy of the Institute from a report by the Directors' Committee.

B. Board of Directors

The Board of Directors, whose duties are indicated in Art. VI of the by-laws is composed of an Honorary President, a President, two Vice-Presidents, a Secretary, a Treasurer and 11 Directors.

The Board represents different legal systems and regions of the world with special recognition to those countries where considerable effort is made to develop space law. They are elected for three years (one third of the members being renewed every year); they are not representatives of their respective countries but elected in view of their personal merit and especially their contribution to legal space sciences.

This Board meets at least twice a year to make the necessary decisions for effective operation of the Institute.

See in Annex II the present composition of the Board of Directors as well as the list of Presidents of the Institute since 1960.

IV. Activities of the Institute

A. Annual Colloquia

The by-laws of the Institute provide for the organization of Colloquia on legal and social sciences aspects of space problems.

Since 1961, such Colloquia have been organized regularly each year by the Institute, following the first three Colloquia of 1958, 1959 and 1960. They were held within the framework of each annual Congress of the International Astronautical Federation.

See in Annex III the list of Colloquia with places, dates and presidents.

Subjects of Programs of the Colloquia

At first the choice of subjects to be presented was left to the discretion of the speakers with two exceptions: in 1960, in Stockholm, Dr. Grönfors, President, limited to two the subjects to be discussed on the basis of introductory reports (International Control of Space and Damages to a Third Party on the Surface caused by Space Vehicles); and in 1963, in Paris, the Colloquium examined more particularly the report of a task force on general principles intended to govern the activities of States.

Very soon, however, faced with the multiplicity of legal problems raised by technical progress in the conquest of space, and in order to keep the discussions under control, the Institute had to revise the procedure of Colloquia. In 1965 at the Warsaw Colloquium, it was decided, first, to give up the task forces implemented in 1959, and especially to include in the program of each Colloquium a restricted number of subjects to be discussed, although leaving the possibility to participants of making a communication on any other subject.

Since then, the subjects to be discussed—two or three generally—are selected by the Board of Directors and when the time comes, they are brought to the attention of prospective participants in the Colloquium. Persons especially qualified to present an introductory report on a certain subject are often invited to participate. This new procedure has been particularly fruitful.

A general table of the subjects presented and discussed during the Colloquia since 1958 will be found in Annex IV, enabling us to appreciate how much the Institute has been careful to evoke, within the time available, the legal and social sciences' aspects of new technical achievements, sometimes spectacular, and even to examine the possible legal consequences of scientific projects under study.

Among all Colloquia, the one held in 1970 in Constance, Federal

Republic of Germany, deserves particular mention. The Institute had indeed wanted to associate itself with the celebration of the 25th Anniversary of the United Nations Organization, and make useful contributions. Two general reports were requested on activities of the United Nations by eminent jurists, one from the West, the other from the East. Numerous reports emanating either from representatives of specialized agencies interested in space, or members of the Institute, have dealt with specific points and even the future of space law.

Reports on the Colloquia

It was important to keep a record of the proceedings of the Colloquia and put them at the disposal of all jurists and social scientists. The reports of the first three colloquia were published by Springer-Verlag, Vienna, but beginning with the IXth Colloquium (1966), the Proceedings were published in the same format and edited by Prof. Mortimer Schwartz, Librarian of the Law School of the University of California, Davis, California. These volumes through 1978 were distributed by Fred Rothman & Co., formerly of South Hackensack, New Jersey but now located in Littleton, Colorado, 80123, U.S.A. Beginning in 1979, the IISL Proceedings are published by the American Institute of Aeronautics and Astronautics, 1290 Avenue of the Americas, New York, New York 10104. They form an irreplaceable collection of studies on the evolution of ideas with respect to space law, the development of new principles and ideas and even permit the study in depth of various interpretations of international instruments in force.

B. Teaching of Space Law

In order to contribute to the "Inventory" undertaken by the United Nations, a "necessary documentation to ensure the popularization of aims and possibilities of space activities," the Institute decided, in March 1965, to proceed with a general investigation of the teaching and study of legal space problems in various countries of the world and to publish, on the basis of data received, a "General Table of Teaching and Study on Space Law throughout the World."

A first investigation, performed from 1965 to 1969 with over three hundred professors and schools, has permitted the President of the Institute to elaborate on the "General Table" which was submitted at a first Symposium on teaching of space law, organized in Buenos Aires on October 13, 1969 after the Twelfth Colloquium. The "General Table" contains a geographic list of courses on space law, either as autonomous courses or as part of a general international law course, as well as a few comments on the measures to be taken to increase the interest of professors and students with respect to space law.

New investigations, performed between 1970 and 1973, especially in the United States (Prof. Christol and Prof. Corrin), in West Germany (Prof.

Meyer) and Latin America (Prof. Cocca and Prof. Ferrer), permitted completion of the "General Table" of 1969, and the holding in Brussels (on September 27, 1971) of a Second Symposium which "drew the attention of competent authorities in education on the interest of creating specific courses on space law at legal and technical Universities, Institutes and Schools, with similar programmes and criteria in all countries."

Finally, following numerous additional information received between 1971 and 1972, the President of the Institute prepared a new general report which was submitted at a Third Symposium held in Baku, U.S.S.R., on October 11, 1973. This report, after summarizing the space law of that time, also defined the prospect of developing the teaching of this new subject.

The preparatory reports, many annexes, summaries of discussions and resolutions adopted upon conclusion of the three Symposia can be found in the volumes of Reports on the Colloquia of the corresponding years and constitute an abundant documentation, not only for experts in space law, but also for professors of general international law and international relations.

C. Universal Bibliography on Space Law

The Board of Directors decided in 1965 to prepare and publish annually a "Universal Bibliography of Space Law and Related Subjects." From 1965 to 1974, annual volumes, containing several hundreds of references to books, articles, magazines and documents, published during the preceding year, were prepared by the President of the Institute, with the cooperation of many members of the Institute for their national publications. The bibliographies were published and sold as publications of the Institute.

D. Legal Terms in Astronautics

The International Academy of Astronautics having undertaken to prepare a dictionary in seven languages (English, French, Russian, Spanish, German, Italian, Czechoslovakian) of technical terms employed in astronautics, it was decided to attach a list — also in seven languages — with legal terms which appear, or could appear, in legal astronomical literature. This list, prepared by Dr. Vladimir Kopal and members of the Institute, was inserted in the volume of the Dictionary.

E. Various Publications

Among the publications of the Institute are: —Newsletters, prepared by the Board of Directors and sent, usually twice a year, to all members to keep them informed of the activities of the Institute, and especially to inform them in advance about the subjects of discussion selected for the Colloquia; —Membership lists (names, qualifications and addresses) also distributed to all members.

V. Institute's Resources

The members of the Institute do not pay any membership fees.

The financial resources of the Institute are derived from remuneration for research work, the sale of its publications, and donations received from national scientific institutions, foundations with an international vocation, national associations of its members and individual members.

VI. Relations with Other International Organizations

A. With the International Astronautical Federation and International Academy of Astronautics

The Institute participates in various activities of the Federation and the Academy, for instance in the sessions of the Education Committee and the Legal-Scientific Liaison Committee, whose reports can be found in the volumes of Proceedings of the Colloquia.

B. With the United Nations

For several years the Institute had an informal consultant status with the Legal Subcommittee of the United Nations Committee on the Peaceful Uses of Outer Space. The International Astronautical Federation was granted Observer Status by the Committee on the Peaceful Uses of Outer Space and Institute members have been officially appointed by the IAF President to attend and report on the sessions of the Legal Subcommittee.

It is relevant to recall that in June 1967 the United Nations requested the Institute to prepare an important study on "International Systems of Satellites and Telecommunications."

C. With Other International Organizations

The Institute also maintains relations with UNESCO and the International Telecommunication Union (ITU).

VII. Awards

Andrew Haley, in 1960, created a Gold Medal, "The Andrew Haley Gold Medal," intended to reward those who particularly distinguished themselves in the creation and development of space law.

This Medal was awarded nine times.

Another award, "The Andrew G. Haley Award" (without medal) was awarded three times.

Finally, since 1977, certificates have been awarded in recognition of important contributions to space law. Annex V contains the list of Institute Members who received these various awards.

VIII. The Future of the Institute

In the future, the constant progress in space technology will inevitably create new legal problems. Already, during the last Colloquia, problems

appeared with respect to space transport by shuttle, international teams in space laboratories, beaming of solar energy, and establishment of colonies in space. We can foresee that other problems will arise.

The Institute is completely ready to pursue its legal research and studies in order to keep up with achievements in space science and technology.

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Président d'Honneur de l'Institut**

**I. La Fédération Internationale d'Astronautique
et Les Problèmes Juridiques**

Jusqu'en 1958 la Fédération Internationale d'Astronautique ne se livrait à aucune étude de problèmes juridiques de l'espace. Sans doute les Congrès internationaux d'astronautique, réunis chaque année depuis 1950, ont entendu de temps en temps des communications juridiques: à Stuttgart en 1952 par le Dr. Meyer; à Innsbruck en 1954 par le Dr. Coccia; à Rome en 1956 par le Dr. Coccia et le Dr. Pépin; à Barcelone en 1957 par le Dr. Haley et le Dr. Pépin.

C'est d'ailleurs à Barcelone, le 8 octobre 1957, c'est-à-dire quatre jours après la mise en orbite du premier satellite artificiel de la Terre, que le Huitième Congrès international d'astronautique a établi un Comité spécial chargé "de définir les domaines respectifs de juridiction du droit aérien et du droit spatial". Après des échanges de vues entre ses membres, ce Comité proposa à la Fédération d'inclure dans le programme du Neuvième Congrès une réunion internationale de juristes spécialisés en droit spatial. Telle est l'origine des Colloques internationaux de droit spatial.

A ce Premier Colloque, qui eut lieu à La Haye en 1958 et auquel participèrent 44 juristes de dix pays, Andrew Haley, Président, exposa les problèmes juridiques que ne manqueraient de poser l'exploration et l'utilisation de l'espace, et par suite la nécessité de doter la Fédération d'un organe chargé d'étudier ces problèmes. Sur la proposition du Dr. Eugène Pépin et avec le concours d'un petit groupe de rédaction le projet de résolution ci-après fut préparé

"Les problèmes juridiques résultante du développement de l'Astronautique seront réglés par une nou-

velle Convention internationale;

Dans le cadre de la Fédération sera créé un *Comité permanent juridique*, ouvert aux juristes des différentes sociétés ou groupes affiliés à la Fédération, et dont les membres seront chargés de l'étude de tous les problèmes du droit de l'espace à inclure dans la Convention mentionnée ci-dessus;

La présente Résolution sera communiquée au Secrétaire général des Nations Unies, qui sera assuré du désir de la Fédération de coopérer à toute initiative que prendrait l'Organisation des Nations Unies dans le domaine de l'Astronautique."

Cette Résolution, approuvée unanimement par les membres du Colloque, fut adoptée formellement, le 29 octobre 1958, par le Neuvième Congrès de la Fédération Internationale d'Astronautique.

Andrew Haley fut chargé d'inviter à participer à ce Comité juridique permanent tous les juristes intéressés dans le Monde entier. Dès le mois d'avril 1959 une liste était établie et un Deuxième Colloque — ou session du Comité permanent — fut inclus dans le programme du Dixième Congrès international d'astronautique.

Ce deuxième Colloque se réunit à Londres le 4 septembre 1959 sous la présidence de Christopher Shawcross et entendit diverses communications. Sur la proposition de J. J. Hanraham et de Kenneth A. Finch, la résolution suivante fut adoptée:

"Le Comité juridique permanent, existant actuellement, est remplacé par un *Institut international de droit spatial*, et un Comité d'organisation ad hoc, composé de 5 personnes et d'un secrétaire, est autorisé à préparer les statuts (by-laws) d'organisation et de direction de cet Institut, qui seront conformes à la Constitution de la Fédération et seront soumis à l'approbation du Conseil de cette Fédération lors d'une réunion ultérieure,"

avec l'addition suivante, proposée par E. Pépin et destinée à hâter les travaux du futur Institut:

"Le 'General Counsel' (A. Haley) de la Fédération est autorisé à établir immédiatement tels groupes de travail nécessaires pour étudier les problèmes juridiques de l'espace, qui sont aujourd'hui considérés comme susceptibles de règlement, par exemple: l'allocation des fréquences radio pour l'espace, actuellement examinée par l'U.I.T."

Plusieurs Groupes de travail furent alors établis et des échanges de vues commencèrent entre leurs membres. De son côté, le Comité

d'organisation (Président, Christopher Shawcross; A. Haley, Secrétaire; M. Smirnoff, F. Gerlach, R. Hombourg et J. C. Cooper), réuni à Paris le 24 mai 1960, établit un projet de Statuts du futur Institut, projet qui fut finalement adopté par le Bureau de la Fédération lors du Onzième Congrès international d'astronautique à Stockholm en août 1960.

II. Buts et Objectifs de l'Institut

Les buts et objectifs de l'Institut sont définis à l'article II des Statuts qui ont dû être remaniés plusieurs fois et dont le texte complet actuel figure à l'Annexe I.

Outre les avis juridiques qu'il doit fournir, sur leur demande, au Président de la Fédération ou au Président de l'Académie, l'Institut doit:

- 1) coopérer avec toute Organisation internationale appropriée et avec toute Institution nationale dans le domaine du droit spatial;
- 2) accomplir toute autre tâche considérée comme nécessaire pour développer les aspects "science sociale" de l'astronautique, de la circulation et de l'exploration spatiales;
- 3) publier des compte-rendus, des rapports et d'autres publications;
- 4) décerner des récompenses;
- 5) tenir des réunions et des Colloques sur les aspects juridiques et sociologiques des sciences de l'espace et faire des études et des rapports. L'Institut a donc des tâches multidisciplinaires.

III. Organisation et Direction de l'Institut

A. Composition

Les membres de l'Institut sont élus à vie par un vote de majorité du Conseil des Directeurs, sur présentation soit d'un Directeur, soit de trois membres.

L'Institut compte actuellement 320 membres, répartis dans 42 différents pays. Ce sont des professeurs de droit (droit international, droit aérien, droit spatial), des conseillers juridiques d'organisations internationales ou de gouvernements, des magistrats, des avocats, des juristes attachés à des organismes ou sociétés ayant des activités spatiales (industrie, assurance), des experts en sciences sociologiques, y compris notamment des experts en science politique, en relations internationales et en économie.

Les membres de l'Institut se réunissent une fois par an en Assemblée générale, qui doit élire au réélire les Directeurs et aussi considérer, sur Rapport de Comité des Directeurs, la politique passée et future de l'Institut.

B. Conseil des Directeurs

Le Conseil des Directeurs, dont les attributions figurent à l'article VI des Statuts, se compose d'un Président honoraire, d'un Président, de deux Vice-Présidents, d'un Secrétaire, d'un Trésorier et de 11 Directeurs.

Ce Conseil représente différents systèmes juridiques et différentes régions du Monde, avec une attention spéciale pour les pays qui font un effort considérable pour développer le droit spatial. Ils sont élus pour trois ans (un tiers des membres étant renouvelable chaque année); ils ne sont pas les représentants de leurs pays respectifs, mais sont choisis en raison de leurs mérites personnels et notamment de leur contribution aux sciences juridiques de l'espace.

Ce Conseil se réunit au moins deux fois par an afin de prendre les décisions nécessaires à la bonne marche de l'Institut.

Voir à l'Annexe II la composition actuelle du Conseil des Directeurs, ainsi que la liste des Présidents de l'Institut depuis 1960.

IV. Activities de l'Institut

A. Colloques annuels

Les Statuts de l'Institut prévoient l'organisation de Colloques sur les aspects juridiques et sociologiques des problèmes de l'espace.

Depuis 1961, de tels Colloques ont été régulièrement organisés chaque année par l'Institut, faisant suite aux trois premiers Colloques de 1958, 1959 et 1960. Ils ont eu lieu dans le cadre des Congrès annuels internationaux d'astronautique.

Voir à l'Annexe III la liste des Colloques avec indication des lieux, dates et présidences.

Sujets des programmes des Colloques

Au début, le choix des sujets de communications à présenter était laissé à la discrétion des orateurs, sauf toutefois deux exceptions: en 1960, à Stockholm, le Dr. Grönfors, Président, limita à deux les sujets à discuter sur la base de rapports introductifs (Contrôle international de l'espace, et Dommages aux tiers à la surface causés par des véhicules spatiaux) et en 1963, à Paris, le Colloque examina plus particulièrement le Rapport d'un Groupe de travail sur les principes généraux devant régir les activités des Etats.

Mais, rapidement, devant la multiplicité des problèmes juridiques soulevés par les progrès techniques dans la conquête de l'espace, et afin de mettre un peu d'ordre dans les discussions, l'Institut dut réviser la procédure des Colloques. C'est seulement en 1965, au Colloque de Varsovie, qu'il fut décidé, d'abord de renoncer aux groupes de travail institués en 1959, et surtout de ne mettre au programme de chaque Colloque qu'un nombre restreint de sujets à discuter, tout en

laissant aux participants la possibilité de faire une communication sur un autre sujet.

Depuis, les sujets à discuter, au nombre de deux ou trois généralement, sont choisis par le Conseil des Directeurs et portés en temps opportun à la connaissance des éventuels participants au Colloque. Il est aussi fait souvent appel à des juristes spécialement qualifiés pour présenter un rapport introductif sur tel ou tel sujet. Cette nouvelle procédure a été particulièrement fructueuse.

Un tableau général des sujets présentés et discutés au cours des Colloques depuis 1958 figure à l'Annexe IV et permet d'apprécier combien l'Institut a été soucieux d'évoquer, dans les meilleurs délais, les aspects juridiques et sociologiques des nouveautés et des réalisations techniques, parfois spectaculaires, et même d'examiner les conséquences juridiques possibles de projets scientifiques en cours d'étude.

Parmi tous les Colloques, celui qui s'est tenu en 1970 à Constance en République Fédérale Allemande, mérite une mention particulière. L'Institut avait en effet tenu à s'accorder à la célébration du 25ème Anniversaire de l'Organisation des Nations Unies et à y apporter d'utiles contributions. Deux Rapports généraux sur les activités des Nations Unies avaient été demandés à d'éminents juristes, l'un de l'Ouest, l'autre de l'Est. De nombreux rapports émanant soit de représentants d'agences spécialisées intéressées à l'espace, soit de membres de l'Institut, ont traité de points particuliers et même de l'avenir du droit spatial.

Compte-rendus des Colloques

Il était important de conserver et de mettre à la disposition de tous les juristes et sociologues intéressés les travaux des Colloques. Si les Compte-rendus des trois premiers Colloques ont été imprimés, ce n'est cependant qu'à partir de l'IXème Colloque (1966) que ces Compte-rendus ont été publiés dans un même format et avec une même présentation, grâce au Professeur Mortimer Schwartz, Bibliothécaire de l'Ecole de droit de l'Université de California à Davis. Ces volumes ont été distribués jusqu'en 1978 par Fred Rothman & Co., anciennement à South Hackensack, N.J. et actuellement à Littleton, Colorado 80123, U.S.A. Les volumes de Compte-rendus sont maintenant publiés et distribués par les soins du American Institute of Aeronautics and Astronautics, 1290 Avenue of the Americas, à New York, N.Y. 10104. L'ensemble de ces volumes forme une collection irremplaçable d'études permettant de suivre l'évolution des idées en matière de droit de l'espace, le développement de nouveaux principes et de nouvelles notions de droit de même d'approfondir l'interprétation des divers instruments internationaux en vigueur.

B. Enseignement du droit spatial

Afin d'apporter une contribution à "l'Inventaire," entrepris par les Nations Unies, "de la Documentation nécessaire pour assurer la vulgarisation des buts et des possibilités des activités spatiales," l'Institut a décidé, en mars 1965, de procéder à une enquête générale sur l'enseignement et l'étude des problèmes juridiques de l'espace dans les divers pays du Monde et de publier, sur la base des informations reçues, un "Tableau général de l'enseignement et de l'étude du droit spatial dans le Monde."

Une première enquête, poursuivie de 1965 à 1969 auprès de plus de trois cent professeurs et établissements d'enseignement, a permis l'élaboration par le Président de l'Institut du "Tableau général," qui fut soumis à un Premier Symposium sur l'enseignement du droit spatial, organisé à Buenos Aires le 13 octobre 1969 après le Douzième Colloque. Le "Tableau général" contient, d'une part, une liste géographique des cours de droit spatial soit en tant que cours autonomes, soit en tant que parties d'un cours de droit international général, et d'autre part, quelques commentaires sur les mesures à prendre pour accroître l'intérêt des professeurs et des étudiants à l'égard du droit spatial.

De nouvelles enquêtes, menées entre 1970 et 1973 notamment aux Etats-Unis (Prof. Christol et Corrin), en Allemagne fédérale (Prof. Meyer) et en Amérique latine (Prof. Cocca et Ferrer) ont permis de compléter le "Tableau général" de 1969 et de tenir à Bruxelles le 27 septembre 1971 un Deuxième Symposium, qui "attira l'attention de autorités compétentes en matière d'éducation sur l'intérêt d'instituer auprès des Universités, Instituts et Ecoles, juridiques et techniques, des cours spécifiques sur le droit de l'espace, avec des programmes et des critères analogues dans tous les pays."

Enfin, devant de nombreux renseignements additionnels reçus entre 1971 et 1972, le Président de l'Institut prépara un nouveau Rapport général qui fut soumis à un Troisième Symposium tenu à Bakou le 11 octobre 1973. Ce rapport, après avoir fait le point de l'enseignement du droit spatial à cette époque, définissait aussi les perspectives du développement de l'enseignement de cette nouvelle discipline.

Les Rapports préparatoires, les nombreuses pièces annexes, les résumés des discussions et les résolutions adoptées en conclusion des trois Symposia figurent dans les volumes des Compte-rendus des Colloques des années correspondantes et constituent une abondante documentation non seulement pour les spécialistes du droit de l'espace, mais aussi pour les professeurs de droit international général.

C. Bibliographie Mondiale de Droit Spatial

Le Conseil des Directeurs décida en 1965 de préparer et de publier

annuellement une "Bibliographie mondiale du droit de l'espace et des matières connexes." De 1965 à 1974, des volumes annuels, contenant plusieurs centaines de références aux livres, articles de revues et documents publiés au cours de l'année précédente, ont été préparés par le Président de l'Institut, avec la collaboration de nombreux membres de l'Institut pour leurs publications nationales. Ces Bibliographies étaient publiées et mises en vente comme Publications de l'Institut.

D. Termes Juridiques en astronautique

L'Académie Internationale d'Astronautique ayant mis en chantier un Dictionnaire en sept langues (anglais, français, russe, espagnol, allemand, italien, tchèque) des termes techniques employés en astronautique, il fut décidé d'y adjoindre une liste — également en sept langues — des termes juridiques qui apparaissent ou peuvent apparaître dans la littérature juridique astronautique. Cette liste, préparée par le Dr. Vladimir Kopal et des membres de l'Institut, a été insérée dans le volume du Dictionnaire.

E. Publications Diverses

- Parmi les publications de l'Institut, il convient de signaler:
- les Notes d'information, préparées par le Conseil des Directeurs, et envoyées, une ou deux fois par an, à tous les membres afin de les tenir au courant des activités de l'Institut et en particulier de les informer à l'avance des sujets de discussions choisis pour les Colloques;
 - les listes des membres (noms, qualités et adresses) distribuées également à tous les membres.

V. Ressources de l'Institut

Les membres de l'Institut ne paient aucune cotisation.

Les ressources financières de l'Institut proviennent de la rémunération de travaux de recherches, de la vente de ses publications et de dons reçus d'Institutions scientifiques nationales, de Fondations à vocation internationale, d'Associations nationales de ses membres et de membres à titre personnel.

VI. Relations Avec d'Autres Organisations Internationales

A. Avec la Fédération et l'Académie Internationales d'Astronautique

L'Institut prend part à diverses activités de la Fédération et de l'Académie, par exemple aux sessions du Comité de l'Education et du Comité de l'Education et du Comité de liaison juridico-scientifique, dont les travaux figurent dans les volumes de Compte-rendus des Colloques.

B. Avec l'Organisation de Nations Unies

L'Institut a, depuis plusieurs années, le statut de "consultant" auprès du Sous-Comité juridique du Comité de l'utilisation pacifique de l'espace. Les Représentants de l'Institut ont par suite le droit de se faire entendre dans ce Sous-Comité.

Il convient de rappeler qu'en juin 1967 les Nations Unies avaient chargé l'Institut de préparer une importante étude sur "les systèmes internationaux de satellites de télécommunications."

C. Avec d'autres organisations internationales

L'Institut est aussi en relation avec l'UNESCO et l'Union Internationale des Télécommunications (I.T.U.).

VII. Recompenses

Andrew Haley avait créé en 1960 une Médaille d'Or, intitulée "The Andrew Haley Gold Medal" et destinée à récompenser des juristes qui se seraient particulièrement distingués dans la création et le développement du droit spatial.

Cette Médaille a été décernée neuf fois.

Une autre récompense, "The Andrew G. Haley Award" (sans médaille), a été décernée trois fois.

VIII. L'Avenir de l'Institut

A l'avenir, les constants progrès des techniques spatiales ne pourront que faire naître de nouveaux problèmes juridiques. Déjà, au cours des derniers Colloques, on a vu apparaître les problèmes du transport spatial avec la navette, des équipes internationales dans des laboratoires spatiaux, de la captation de l'énergie solaire, de l'établissement de colonies dans l'espace. On peut prévoir que d'autres problèmes surgiront.

L'Institut est tout à fait prêt à poursuivre recherches et études afin de ne pas se laisser devancer par des réalisations scientifiques et technologiques.

Through the Years



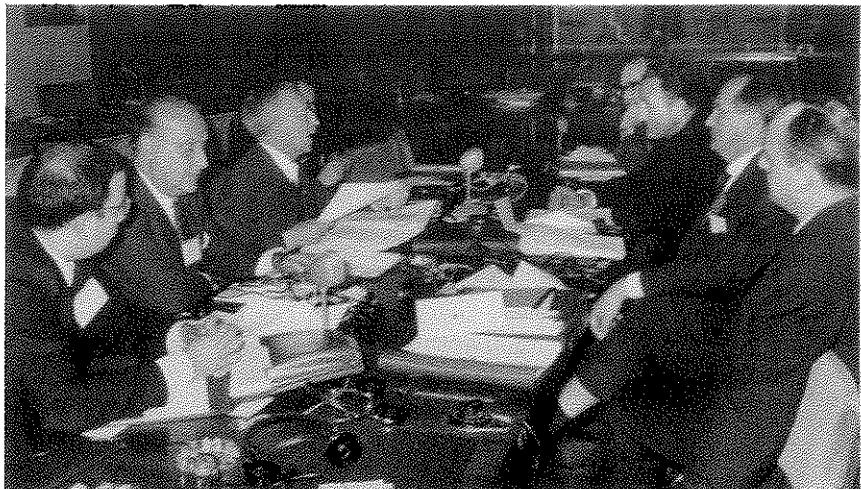
1958 IISL Colloquium, The Hague, The Netherlands. From left to right: Dr. Smirnoff, Dr. Pepin, Dr. Rode-Verschoor, Andrew Haley, and Dr. Gerlach.



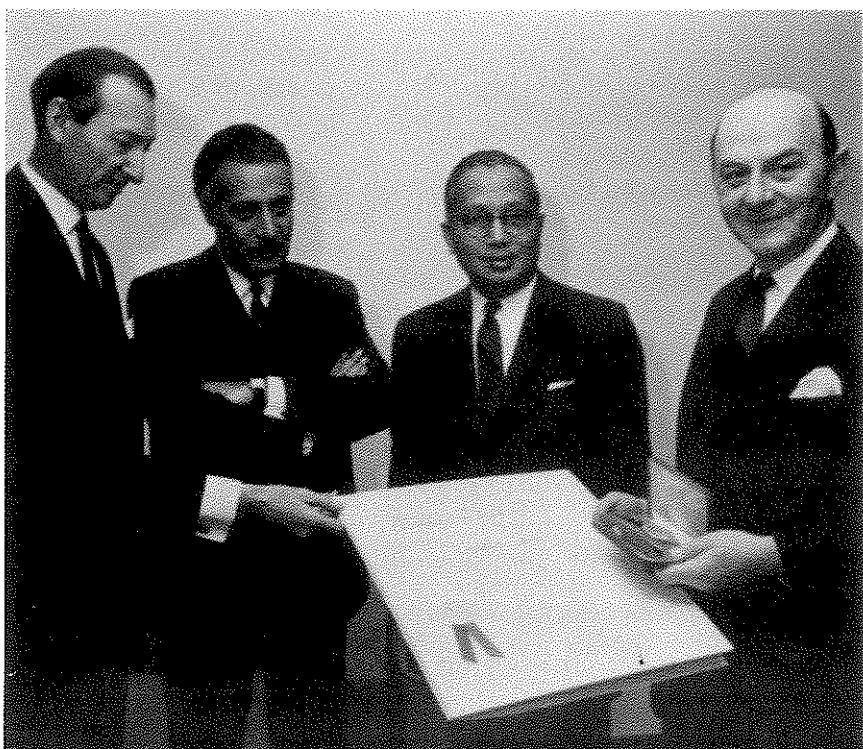
1963 IISL Colloquium, Paris, France, Dr. Eugene Pepin (left) awarded Andrew G. Haley Gold Medal.



Andrew G. Haley, Founder of the IISL (center) with Gerald Gross, Secretary General of ITU (left) and Eugene Pepin, IISL President (right) at meeting in Paris in March 1964.



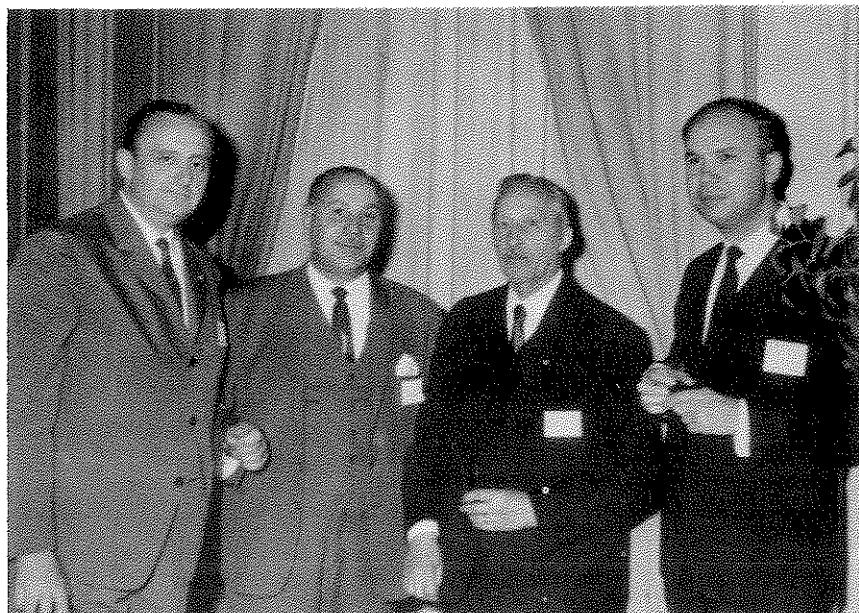
Meeting of the IISL Board of Directors (Madrid, 1966): (left to right) M. Lopez Gutierrez, L. Tapia Salinas, E. Pepin, J. Sztucki, C. Horsford, E. Fasan, M. Smirnoff and V. Kopal.



Ambassador Manfred Lachs (Poland) awarded the 1966 Andrew G. Haley Gold Medal and Honorarium. (Left to right): Kurt Waldheim (Austria), Chairman of the Outer Space Committee, Abdul Rahman Pazhwak (Afghanistan), President of the Assembly, Secretary-General U Thant, and Manfred Lachs, who is holding the Medal.



Legal Sub-Committee on the Peaceful Uses of Outer Space (Geneva, 1967). (Left to right): Gordon Wattles, Representative of the Secretary-General, Eugeniusz Wyzner (Poland), Chairman, Kwen Chen, Secretary, John De Saram, United Nations, Legal Officer.

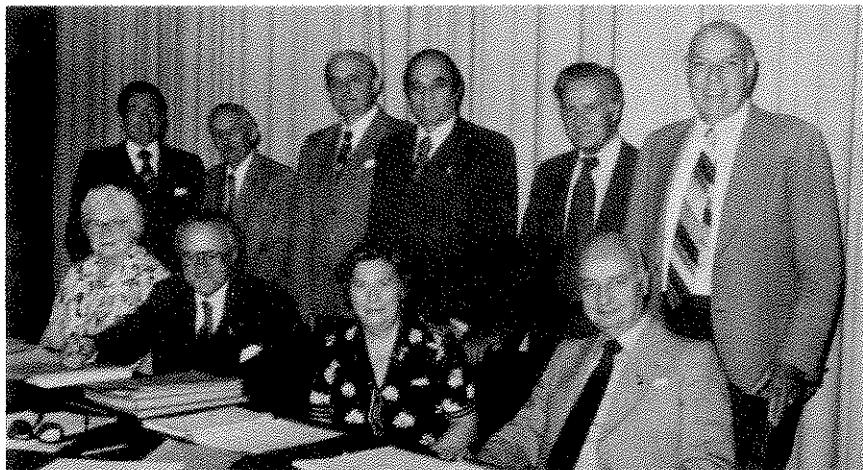


IISL Colloquium (Argentina, 1969). Left to right: Dr. V. Kopal, Argentine host, Dr. Eugene Pepin, and Dr. V. Vereshchetin.

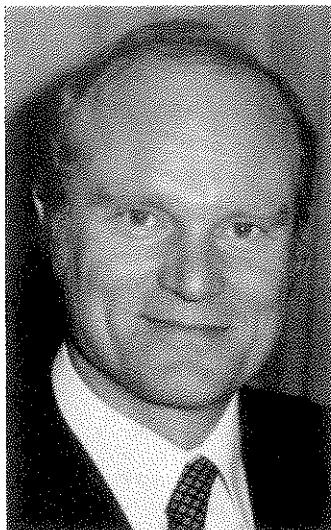


*1977 IISL Colloquium
(Prague, Czechoslovakia).
From left to right: Dr.
Vladimir Kopal, Eilene
Galloway, Dr. Ernst Fa-
san, Dr. Diederiks-Ver-
schoor, and Dr. Rusolf
Perek.*

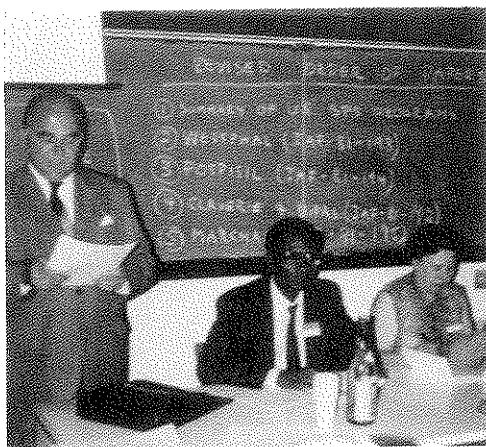
*1978 IISL Colloquium
(Yugoslavia). Left to
right: Dr. Nicholas Ma-
teesco Matte, Dr. Stephen
Gorove, and Dr. Vl aden
Vereshchitin.*



*Members of the IISL Board of Directors at 22nd Colloquium (Munich, FRG, 1979). Seated
(left to right): Eilene Galloway, Ernst Fasan, Isabella Diederiks-Verschoor, Michel Bourely.
Standing (left to right): A. A. Cocca, E. Pepin, V. Kopal, H. Safavi, N. M. Matte, P. Magno.*



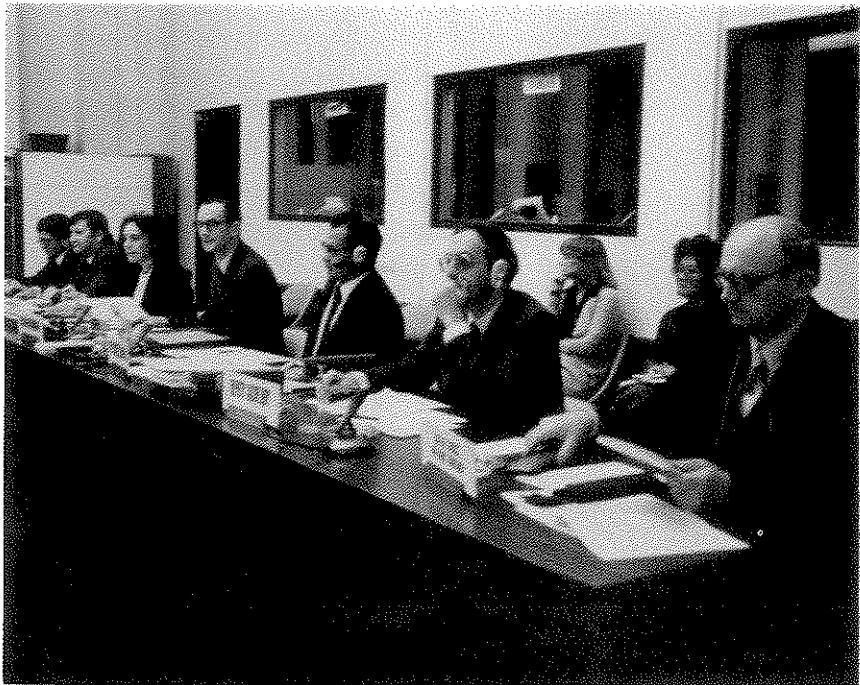
*Prof. Dr. Karl-Heinz Bockstiegel,
Presiding Chairman, 22nd Colloquium,
Munich, FRG (1979).*



*1981 IISL Colloquium (Rome, Italy). Left to right:
Gyula Gal, Nandasiri Jasentuliyana, Isabella Diederiks-Verschoor.*



*IISL Board of Directors (Rome, Italy, 1981). Left to right: Dr. K. Bockstiegel, Dr. V. Kopal,
Eilene Galloway, Isabella Diederiks-Verschoor, Dr. Martin Menter, Dr. Eugene Pepin, Dr. A.
A. Cocco, Dr. N. M. Matte, Dr. V. Vereshchetin.*



Legal Sub-Committee on Peaceful Uses of Outer Space (Geneva, 1982). Chairman Eugeniusz Wyzner is seen fourth from right.



Ambassador Peter Jankowitsch (Austria) Chairman, UN Committee on the Peaceful Uses of Outer Space.

ANNEX I

September 1982

STATUTES of the INTERNATIONAL INSTITUTE OF SPACE LAW of the INTERNATIONAL ASTRONAUTICAL FEDERATION

Article I

Section 1. The name of this Institute shall be the International Institute of Space Law of the International Astronautical Federation.

Article II

Section 1. The purposes and objectives of the Institute shall be as follows:

- (a) To provide advice to the President of the International Astronautical Federation when requested.
- (b) To cooperate with appropriate international organizations and national institutions in the field of Space Law.
- (c) To carry out such other tasks which may be considered desirable for fostering the social science aspects of astronautics, space travel and exploration.
- (d) To publish proceedings and reports and other publications.
- (e) To make awards.
- (f) To hold meetings and colloquia on juridical and sociological aspects of the space sciences and to make studies and reports.

Article III

Section 1. Members of the Institute shall be elected by the Board of Directors upon application presented by a Director, or by three members of the Institute.

Section 2. The election shall be a majority vote of the Board of Directors in attendance at a regular or special meeting of the Board of Directors, or by a majority of the Board of Directors if the vote is held by mail.

Section 3. All members are elected for life. However, the name of any member who has lost working contact with the Institute for more than three years shall be dropped from the list of the members of the institute.

Article IV

Section 1. The annual meetings of the Institute shall be held each year at such time and place as the Board of Directors may determine at a regular or special meeting, or by a majority of the Board if the vote is taken by mail.

Section 2. The Board of Directors shall submit to each annual meeting a report on activities of the Institute in order to consider the past and forthcoming policy of the Institute.

Section 3. The annual meeting shall elect among the members of the Institute, at a majority vote of members present, officers and other members of the Board of Directors, in accordance with Article V, Section 2.

Article V

Section 1. The governing body of the Institute shall be the Board of Directors, which shall consist of the Honorary President, the President, two Vice-Presidents, the Secretary, the Treasurer and eleven other members.

Section 2. It shall be the aim of the Institute to have represented on the Board different legal systems and regions of the World, due regard being paid especially to those countries in which considerable efforts to develop space law have been made.

Section 3. All members of the Board of Directors shall be elected for a period of three years. All members of the Board may be re-elected.

Section 4. In case of vacancy between two annual meetings, the Board of Directors may fill the vacancy by a majority vote.

Section 5. Members of the Board of Directors who have served for several succeeding terms and contributed in an outstanding manner to the development of the Institute may be elected Honorary Directors.

Article VI

Section 1. The Board of Directors shall

- (a) Carry out the purposes and objectives of the Institute as set forth in Article II.
- (b) Implement the resolutions and directives adopted at the annual meetings of the Institute.
- (c) Create working groups and committees for all appropriate purposes and functions.
- (d) Elect members of the Institute to fill vacancies occurring in the membership of the Board of Directors.
- (e) Supervise the correspondence of the Institute and provide for the safekeeping of the archives thereof.
- (f) Appoint a clerk, designate his duties and supervise all his activities.
- (g) Arrange for meetings and colloquia.
- (h) Arrange for the publication of reports and other documents.
- (i) Recommend concerning the awarding of medals and prizes.
- (j) Prepare budgets and supervise the auditing of accounts.
- (k) Accept donations and legacies, and funds from any private sources, and contributions for national and international nongovernmental and international agencies and from governments.
- (l) Prepare an annual report to be presented at the plenary meeting of the Council of the Federation.

Article VII

Section 1. The President of the Board of Directors, or in his absence or inability to act, a Vice-President or, if necessary, another Member of the Board, appointed by him or by the majority of the members of the Board, shall preside at meetings of the Institute and of the Board of Directors. He shall supervise and direct the general business of the Institute pursuant to these Statutes.

Section 2. The presence at a meeting or written answers of eight members can validate a decision of the Board.

Section 3. Subject to Section 2, for any valid decision a majority of votes of the members present shall be required. In case of a tie, the vote of the President shall be decisive. However, it shall be the aim of the Board to reach an agreed decision without need for voting on each item.

Section 4. The Directors may cast their votes by mail or other written means as to any action to be taken by the Board. In such case a decision shall be taken by a majority of all members voting.

Section 5. At all times the Presidents of the International Astronautical Federation and of the International Academy of Astronautics shall be non-voting members of the Board of Directors.

Section 6. The Board of Directors shall cause minutes to be kept of their meetings and of all action taken by them. Such minutes shall be deposited with the Secretariat of the Federation and it shall be the privilege of any Member Society of the International Astronautical Federation in good standing to inspect the same at any reasonable time.

Article VIII

Section 1. These Statutes may be amended at any meeting by a two-thirds vote of all directors, subject to confirmation at the next annual meeting of the Institute, and provided that the Institute shall not enact statutes or amendments thereto which are inconsistent with the provisions of the Constitution of the Federation, or its resolutions pertaining to the Institute.

Temporary Article

At the first election following the adoption of the Article V, Section 3 (October 1970), the five officers only shall be elected for the whole three years, while one half of the other elected members of the Board of Directors, as selected by lot, shall serve two years and the other half one year only.

ANNEX II

Board of Directors 1981-1982

| | |
|---------------------------|--|
| Honorary President | Dr. Eugène Pépin 51, rue de Levis 75017 Paris, France |
| President | Prof. Dr. I. H. Ph. Diederiks-Verschoor Leestraat 43 3743 Eh Baarn, The Netherlands |
| Vice President | Dr. Martin Menter 4701 Willard Avenue Suite 1726 Chevy Chase, Maryland 20815, U.S.A. |
| Vice President | Dr. Vladlen S. Vereschchetin Vice Chairman, Intercosmos U.S.S.R. Academy of Sciences Leninsky Prospect 14 Moscow, U.S.S.R. |
| Secretary | Prof. Dr. Priyatna Abdurrasyid Air and Space Law Research Center 15, Jalan Banuyemas Jakarta, Indonesia |
| Treasurer | Dr. Michel G. Bourély Legal Adviser European Space Agency 8-10, rue Mario Nikis 75738 Paris, Cedex 15, France |

Additional Members of the Board

Prof. Dr. Bozidar Bakotic
Heinzelova 1a
41000 Zagreb, Yugoslavia

Prof. Dr. Karl-Heinz Böckstiegel
Director, Institute of Air and Space Law
and Chairman of International Business Law
University of Cologne
Albertus-Magnus Platz
5000 Köln 41, Federal Republic of Germany

Prof. Dr. Aldo Armando Cocca
Ambassador-at-Large of Argentina
Juan Francisco Segui 444.4
Buenos Aires 1425, Argentina

Dr. Gyula Gál
1161 Budapest XVI
Varga J.V. P./8 11.10
Budapest, Hungary

Dr. Vladimir Kopal (Czechoslovakia)
Outer Space Affairs Division
United Nations
New York, New York 10017, U.S.A.

Dr. Peter Jankowitsch (Austria)
Organization of European Economic Development
3, rue Alberic Magnard
75016 Paris, France

Dr. Pompeo Magno
Instituto Italiano di Diritto Spaziale
Via Giulia 251
Rome, Italy

Prof. Dr. Nicolas Mateesco Matte
Director, Institute and Centre of Air and Space Law
McGill University, 3644 Peel Street
Montreal, Quebec, H3 A 1W9, Canada

Ambassador Eugeniusz Wyzner (Poland)
9 East 66th Street
New York, New York 10021, U.S.A.

Honorary Directors

Former Vice Presidents

Mrs. Eilene Galloway, President
Theodore Von Karman Memorial Foundation, Inc.
4612 29th Place, N.W.
Washington, D.C. 20008, U.S.A.

Dr. Gennady P. Zhokov
Institute of World Economy and International Relations of the Academy of Sciences of the USSR, Dept. of International Organizations
23 Profsouznnaya Street
117418 Moscow, USSR

Former Secretary: Dr. Ernst Fasan
 Triester Strasse 8
 A 2620 Neunkirchen, N.O., Austria.

List of Presidents of the Institute since 1960

| | |
|-----------|---|
| 1960-1961 | Dr. Michel S. Smirnoff |
| 1961-1962 | Dr. John Cobb Cooper |
| 1963-1973 | Prof. Dr. Eugène Pépin |
| 1973- | Prof. Dr. I. H. Ph. Diederiks-Verschoor |

Members of the Institute who have been on, or are now on, the Board of Directors

| | | |
|---------------------|--------------|---------------|
| Ambrosini | Haraszti | Rigalt |
| Bakotic | Herczeg | Roy |
| Bevilacqua | Homburg | Safavi |
| Böckstiegel | Horsford | Shawcross |
| Bodenschatz | Jankowitsch | Skeda |
| Bourély | Kopal | Smirnoff |
| Busak | Korovine | Sztucki |
| Cocca | Magno | Tapia Salinas |
| Cooper | Matte, N. M. | Taubenfeld |
| Diederiks-Verschoor | Maxwell | Vereshchetin |
| Fasan | Menter | Woetzel |
| Gál | Meyer | Wyzner |
| Galloway, E. | Pépin | Yamamoto |
| Gerlach | Priyatna | Zhukov |
| Haley | Reintanz | |

ANNEX III

LIST OF INTERNATIONAL COLLOQUIA ON SPACE LAW

| Location | Date | Presiding Chairman |
|--|------------------------------|---------------------------|
| 1. The Hague, The Netherlands | August 29, 1958 | Andrew G. Haley |
| 2. London, United Kingdom | September 4, 1959 | Andrew G. Haley |
| 3. Stockholm, Sweden | August 14-15, 1960 | Kurt Grönfors |
| 4. Washington, D.C., USA | October 3-4, 1961 | Andrew G. Haley |
| 5. Varna, Bulgaria | September 23-29, 1962 | Assen Georgiev |
| 6. Paris, France | September 26-28, 1963 | René Cassin |
| 7. Warsaw, Poland | September 9-10, 1964 | Cesar Berezowski |
| 8. Athens, Greece | September 14-15, 1965 | Pan J. Zepos |
| 9. Madrid, Spain | October 14, 1966 | Luis Tapia Salinas |
| 10. Belgrade, Yugoslavia | September 24-29, 1967 | Milan Bartos |
| 11. New York, New York, USA | October 17-18, 1968 | Paul Dembling |
| 12. Mar del Plata, Argentina | October 5-10, 1969 | A. A. Cocco |
| 13. Constance, Federal Republic of Germany | October 4-10, 1970 | Manfred Bodenschatz |
| 14. Brussels, Belgium | September 20-25, 1971 | Roger Nys |
| 15. Vienna, Austria | October 8-15, 1972 | K. Zemanek |
| 16. Baku, USSR | October 7-13, 1973 | G. P. Zhukov |
| 17. Amsterdam, The Netherlands | September 28-October 5, 1974 | I. Diederiks-Verschoor |
| 18. Lisbon, Portugal | September 21-27, 1975 | I. Diederiks-Verschoor |
| 19. Anaheim, California, USA | October 12-15, 1976 | C. Q. Christol |
| 20. Prague, Czechoslovakia | September 25-October 1, 1977 | V. Kopal |
| 21. Dubrovnik, Yugoslavia | October 3-5, 1978 | M. Smirnoff |
| 22. Munich, Federal Republic of Germany | September 16-22, 1979 | K. Böckstiegel |
| 23. Tokyo, Japan | September 21-28, 1980 | T. Kurabayashi |
| 24. Rome, Italy | September 6-12, 1981 | P. Magno |
| 25. Paris, France | September 27-October 2, 1982 | E. Pépin |

ANNEX IV

SUBJECT INDEX OF THE PROCEEDINGS OF THE INTERNATIONAL INSTITUTE OF SPACE LAW 1958-1982*

Summary of Annex IV

I. Space Law

- A. Some Precursors
- B. History of studies and research in space law
 - a) Within the International Astronautical Federation
 - b) Within the United Nations Organization
- C. Elaboration on Space Law
- D. Sources of Space Law
- E. Terminology and Definition
- F. Nature of Space Law
- G. Space Law and other Law Fields
 - a) Space law and international law
 - b) Air law and space law
 - c) Space and air law
 - d) Space law and sea law
- H. Teaching of Space Law
- I. Social and Political Consequences of the Development of Space Law

II. General Principles

- A. Before the Treaty of 1967
 - a) Generalities
 - b) Sovereignty and jurisdiction in space
 - c) Peaceful aims
 - d) Freedom of space

*Beginning in 1979, the Proceedings are published by the American Institute of Aeronautics and Astronautics. From 1964 through 1979, the Proceedings were published by Fred B. Rothman & Co. (formerly of South Hackensack, New Jersey), now located in Littleton, Colorado 80123, U.S.A. The volumes from 1958-1964 are out of print, published by Springer-Verlag, Vienna, and the Organizing Committee of the host country.

- B. The Treaty of 1967**
- a) General Interpretation
 - b) Sovereignty in space law
 - c) Peaceful aims
 - d) Freedom of space
 - e) Principle of non-appropriation
 - f) Demilitarization of space
 - g) International cooperation
 - h) Generalities
 - i) Consultations
 - j) Common interests of mankind

III. Space Field

- A. Outer Space**
 - a) Definition
 - b) Limits between air and space
 - c) Legal status of cosmic space
 - d) Management of cosmic space
 - e) Neutrality and demilitarization of cosmic space
- B. The Moon and Celestial Bodies**
 - a) Celestial bodies in general
 - i) Legal status
 - ii) Exploration of celestial bodies
 - b) The moon
 - i) Legal status
 - ii) Exploration and use of the moon
 - iii) Natural resources of the moon
 - iv) Stations and laboratories on the moon
 - v) Legal problems arising from the conquest of the moon
 - vi) Draft treaty on the moon

IV. Astronauts and Cosmonauts and Space Vehicles

- A. Astronauts and Cosmonauts**
- B. Space Vehicles (Space Objects)**
 - a) General questions
 - i) Legal status of space objects
 - ii) Registration of space objects
 - iii) Legal regime of international space flight
 - b) Orbiting Stations
 - i) Legal status
 - ii) Transport in space (shuttle and laboratory)
- C. Assistance and Salvage**

V. Use of Space

- A. International Cooperation
 - a) Universal cooperation
 - b) European regional cooperation
 - c) Cooperation in Eastern Europe
- B. Exploration of Space
- C. Protection of Environment
- D. Meteorology
- E. Assistance to Sea and Air Transportation
- F. Medical Questions in Space
- G. Communications by Satellites
 - a) General questions
 - b) International Telecommunications (ITU)
 - c) Telecommunications Systems
 - i) INTELSAT
 - ii) European systems
 - iii) Direct broadcasting
 - iv) Geostationary orbit
- H. Remote Sensing
- I. Energy Originating from Space
- J. Space Colonies
- K. Commercial Activities, General
- L. Space Transportation Systems
- M. Institutions, General

VI. Liability for Damage

- A. Before the Treaty of 1972
- B. After Adoption of the Convention
 - a) General questions
 - b) Responsibility for transport of nuclear materials

VII. Settlement of Disputes**VIII. The Future of Space Law**

**Problems Studied
by
The International Institute of Space Law
1958-1982.**

I. Space Law

A. A Few Precursors

- 1965 In memoriam: Korovine (Pépin)
- 1966 In memoriam: Haley (Pépin)
- 1967 In memoriam: Cooper (Pépin)
- 1968 Vladimir Mandl (Kopal)
Vladimir Mandl (Reintanz)
- 1970 In memoriam: Berezowski and Huber (Pépin)
- 1969 In memoriam: de Montella (Pépin)

B. History of Studies and Researches in Space Law

In the Framework of the International Astronautical Federation

- 1958 Résolution créant un Comité juridique permanent de la Fédération astronautique internationale (Pépin)
- 1959 Prepositions pour le travail futur de Comité juridique permanent; Groupes de travail (Pépin)
The Role of the I.A.F. in the Elaboration of the Norms of Future Space Law (Smirnoff)
How to Introduce the Law into the Space (Rivoire)
- 1961 Background of the International Institute of Space Law (Crane)
- 1962 Remarks on the Working Methods of the I.I.S.L. (Pépin)
Urgent Tasks of Space Law (Korovine)
Space Law and the Matrix (Kessler)
Three Down to Earth Suggestions for Effective Space Law Research (Schwartz)
- 1966 Rapport du Président sur les actis de l'I.I.S.L. (Pépin)

- 1967 Dix ans de Colloques de droit spatial (Pépin)
Rapport du Président sur les activités de l'I.I.S.L. (Pépin)
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- 1971 Rapport du Président sur les activités de l'I.I.S.L. (Pépin)
- 1972 Rapport du Président sur les activités de l'I.I.S.L. (Pépin)
- 1973 Dix ans de présidence de l'I.I.S.L. (Pépin)
- 1977 International Institute of Space Law of the International Astronautical Federation (Diederiks-Verschoor and Galloway)

In the Framework of the United Nations Organization

- 1959 The Report of the U.N. Legal Committee on the Peaceful Uses of the Outer Space: A Provisional Appraisal (Feldman)
- 1962 The U.N. Ad Hoc Committee on the Peaceful Uses of Outer Space (Galloway)
- 1962 The U.N. Committee on the Peaceful Uses of Outer Space (Galloway)
Questions Raised at the Sessions of the U.N. Committee (Kopal)
- 1967 International Organization Aspects Affecting Space Law (Brooks)
Remarks on the International Status of International Space Organizations (Sztucki)
- 1970 General Reports on Activities and Actions of the U.N. Organization in Space Legal Field (Christol and Zhukov)
Special Report on United Nations Space Activities (Abdel-Ghani)
- 1973 The Role of International Organizations in the Formation of International Space Law (Kamenskaya)

C. Elaboration on Space Law

- 1958 Plan pour l'élaboration d'un droit spatial (Homburg)
A Code for a New Frontier (Yeager)

- Design for a Law of Space (Rivoire)
Space Law and the Fourth Dimension of Our Age (Keating)
The Community of Law and Science (Galloway)
Technical Proposals (Herr)
A Definitive Study of the Concept and Scientific Strategy of Outer Space (Fulton)
Problèmes généraux (Gatland)
Problèmes généraux (Gerlach)
Space Age Presents Immediate Legal Problems (Haley)
- 1959 Legal Problems of Outer Space: U.S. and U.S.S.R. Viewpoints (Kucherov)
Some Problems Relating to Space Law (Meyer)
The Law of Interplanetary Space (Valladao)
The Functional Regulation of the Extra-atmospheric Space (Seara-Vasquez)
- 1960 International Space Law and Outer Space (Martin)
Thoughts on the Importance and Task of Space Law (Gross)
The To-day Real Possibilities for the Conclusion of an International Convention on Outer Space (Smirnoff)
- 1961 Metalaw: The Science of Universal Jurisprudence (Haley)
Space Law and Metalaw: A Synoptic View (Haley)
Space Law: A Point of View of a Small Country (Fiorio)
The Problem of Applying Terrestrial Law in Outer Space (Safavi)
- 1962 Draft Code of Rules on Exploration and Uses of Space, prepared by Davies David Memorial Institute of International Studies (Horsford)
The Magna Carta of Space (Hyman)
International Law for Outer Space (Schick)
Prospects of the Development of Space Law (Osnitzkaya)
Problems of Space Law at the Present Stage (Zhukov)
- 1963 The Codification of Space Law: Moral and Good Intention in Space Law (Rauchhaupt)
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- Some Observations on the Present Legislative Procedure Applied to Outer Space (Goedhuis)
 On the World Presentation for Space Law (Lukin)
- Formulation of Space Law (Menter)
 A Covenant for Space (Tamm)
 The Political Bedlam of Space Law (Schick)
 The New Aspects of Space Law (Smirnoff)
 The Definition of International Law: Basic Requirements for Cooperation in Outer Space (Strauss)
 What Hinders Progress of Space Law (Korovin)
 Approaches in the U.S.A. to the Merging Law of Outer Space (Christol)
- 1964 An Analysis of Certain Policy Approaches in the U.S.A. to the Merging Law of Outer Space (Christol)
 Activities of the Space Law Committee of the Hungarian Lawyers' Association (Kardosa)
 Quelques problemes théoriques du droit international de l'espace (Marcoff)
 Synopsis of Some Recent Developments in Extra-atmospheric Law and Relevant Theoretical Problems (Poulantzas)
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 International Regulation of Outer Space Activities (Galloway)
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 Recent Developments in the International Law of Space (Jaffe)
 Making of Space Law (Lachs)
 The International Law of Outer Space (Lachs)
 Prematurity and Anthropocentricity in Legal Regulation of Space (Magno)
 Will Earthly Corruption, Cowardice and Contentment be Barred from the Interplanetary Heaven by the Magna Carta of Space (Hyman)
 The Legal Character of U.N. Resolutions (Herczeg)
- 1965 La base juridique du droit international de l'espace (Papacostas)

- The Origin and Present State of Space Law
(Rauchhaupt)
- Some Reflections on the Problem of the Future
Unification of Space Law (Kritic)
- Law of Space Activities: Practical Proposals for
a Comprehensive Convention (Caplan)
- 1966 Future Major Requirements of International
Space Law (Shiffer & Snyders)
- 1967 The Space Law 1957-1967 (Rauchhaupt)
Semantics and Space (Thomas)
The Need for Enforcement of International
Space Treaties (Shiffer & Snyders)
- 1968 Code de droit spatial (Monnerat)
The Legal Frontier in the U.S. Space Programme
(Alexander)
The Role of Nationals not Directly Engaged in
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of Space Law (Kritic)
Next Steps in Space Law (Pépin)
Seven Stages in the Development of Space Law
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Survey and Prospects of Space Law
(Hauchhaupt)
Tendencies and Prospects of the Development of
Space Law (Zhukov)
- 1969 Algunas consideraciones sobre posible evolucion
(Troiani)
The Present Development of Space Law
(Rauchhaupt)
- 1970 Future Activities and Actions of Various Internationa
Organizations in Space Field (Kopal)
New Developments of Earth Satellite Law
(Brooks)
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(Pontes)
- 1971 Prospects for Legal Progress on Celestial Bodies
(Brooks)
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- 1972 New Space Matters Needing Juridical Attention
(Estrade)
Space Law and International Action (Brooks)
- 1973 The Present Law of Outer Space (Rauchhaupt)
- 1974 Psychoanalytic Techniques Supporting
Biojuridics in Space (Robinson)

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- 1977 Les aspects juridiques des satellites d'application (Busak)
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- 1978 Introductory Report on Ways of Coordinating Space Science and Technology with Space Law (Bourelly)
The 1974 Brussels Convention Relating to the Distribution of Program-Carrying Signals Transmitted by Satellites: Its Strengths and Weaknesses (Christol)
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- 1980 International Space Cooperative: Participation of Private Enterprises (Cassidy)
Interaction of International Space Law and Domestic Law in Space and Time (Vereshchetin)
- 1981 The Third World and Space Law (Saint Lager)

D. Sources of Space Law

- 1960 Draft to an International Covenant for Outer Space: The Treaty of Antarctica as a Prototype (Faria)
- 1965 Sources of the Law of Outer Space (Verplaetse)
Some Remarks on the Potential Sources of the Law of Outer Space (Poulantzas)
- 1967 Scientific and Technical Agreements on Space (Vereshchetin)
- 1969 Los fuentes principales del derecho espacial (Rauchhaupt)
- 1970 Outer Space Treaties in Force (Galloway)
The Divine Law in the Totality of Outer Space Law (Rauchhaupt)
- 1971 The Future of International Space Cooperation in Treaty-Making (Galloway)
- 1972 Divine Law and Human Law of Nature in the Law of Outer Space (Rauchhaupt)

- 1974 The Antarctic Treaty as Precedent to the Outer Space Treaty (Staub)
- 1977 Customary Law Rules in Regulating Space Activities (Krstic)
- 1978 Paper Chase to the Stars: The Varied Sources for Space Law Research (Moore)
- 1979 Subjects of International Space Law (Kamenetskaya)
- 1980 Political Philosophy and the Common Heritage of Mankind Concept in International Law (J. Galloway)

E. Terminology and Definition

- 1964 Doutes et controverses autour du choix de la juste dénomination pour le droit à élaborer au sein de la Fédération astronautique internationale (Babinski)
- 1966 Some Problems of the Present Space Legal Terminology (Kopal)
Droit spatial (Araujo)
Questions of Terminology (Cunha Achado)
- 1968 Round Table on the Determination of the Scientific Factors for Defining Outer Space (Brun, Cocca, Kopal, Meyer, Zwicky)
- 1970 El derecho a la trayectoria (Ferrer)
Définition de l'espace et des activités (Magnoscifoni)

F. Nature of Space Law

- 1963 Determination of the Meaning of the Expression "res communis humanitatis" in Space Law (Cocca)
- 1968 Le champ d'application du droit de l'espace (Vancatassini)
Multiple Use Doctrines as Space Law (Shiffer)
A Reexamination of the Approach to Space Law (Thomas)
- 1969 El hombre, el espacio exterior, el derecho (Verplaetas)
Enfoque trailista del derecho espacial (Recalt)
Consideraciones sobre el derecho espacial (Frisa)
- 1975 The Relative Autonomy of Space Law (Dausse)
- 1979 Legal Aspects of the Common Heritage of Mankind (Arzinger)

- The Stagnating Development of International Space Law and its Causes (Haanappel)
- Homo spatialis: A Space Law Dilemma (Robinson)
- The Evolution of Space Technology and its Legal Consequences: Technical Prospects (Lebeau); Legal Aspects (Nauges)
- Outer Space Activities versus Outer Space (Perek)

G. Space Law and Other Law Fields

Space Law and International Law

- 1965 Development or Retrogression of International Law in View of Outer Space Activities (Poulantzas)
- 1969 Su vinculacion y autonomia con respecto al derecho internacional (Regueira)
Vinculaciones con el derecho internacional (Polti)
- 1971 Influence du droit spatial sur le développement du droit international public (Herczeg)
Coordination internationale pour le lancement d'engins cosmiques suivant le droit international (Simic)
- 1972 Accords particuliers et droit international (Marcoff)
- 1973 Space Law and General International Law (Herczeg)
The Impact of Space Law on General International Law (Diederiks-Verschoor)
Space Law and the Definition of Justice (Fasan)
Outer Space Can Help the Peace (Finch & Moore)
Interrelation Between Rules and Principles of International Outer Space Law and General Rules and Principles of International Law (Kolossov)
- Impact of Space Law on General International Law with Special Regard to Securing Peace (Szaloky)
- 1974 Principles of New International Law and Emerging Space Law (Hailbronner)
- 1980 A Universal Code of Conduct—International Crimes—A Cosmic View (Woetzel)

Air and Space Law

- 1958 The Need for a New System of Norms for Space Law and the Danger of Conflict with the Terms of the Chicago Convention (Smirnoff)
- 1959 The Problem of a Definition of Air Space (Cooper)
- 1959 The Question of Freedom of Innocent Passage of Space Vehicles of One State Through the Space of Another State (Goedhuis)
- 1960 Conflicts of Air and Outer Space Law (Verplaetse)
- 1962 The Analogy of Space Law and Air Law: A Latent Danger (Smirnoff)
- 1964 Relationship of Air Law and the Law of Outer Space (Verplaetse)
- 1965 ICAO Space Resolution (Haley)
- 1966 Space Activities and Their Effects on ICAO (Larsen)
- 1970 ICAO and Outer Space (Verplaetas)
- 1973 La piraterie aérienne et la piraterie spatiale (Magno & Verdacchi)
- Individual Responsibility for Violations of International Law in Airspace and Outer Space (Woetzel)
- 1976 Relationship of Air and Space Law (Menter)
- 1977 Relationship of International Air and Space Law (Kolossov)
- 1979 The Question of Delimitation – After Twenty Years (Gál)

Space Law and Nuclear Law

- 1961 Observations on Comparing the Responsibility for Damage Caused by Spacecraft and that Caused by Nuclear Installations and Nuclear-Powered Ships (Rode-Verschoor)

Space Law and Sea Law

- 1968 Space Law Analogies for the Seabed and Ocean Floor (Christol)

H. Teaching of Space Law

- 1962 Project of a Lecture on Space Law for Students of all Faculties (Reintanz)
- 1965 Perspectives de l'enseignement du droit de l'espace (Pépin)
- 1966 Premiers résultats d'une enquête sur l'en-

- seignement et l'étude du droit de l'espace dans le Monde (Pépin)
- 1969 Enquête sur l'enseignement et l'étude du droit de l'espace dans le Monde (Pépin)
Compte-rendu de Premier Symposium sur l'enseignement du droit spatial
La enseñanza del derecho espacial y la necesidad de un esquema basico (Verdeja)
Discours et Observations sur le programme du Symposium (Moine)
- 1971 Compte-rendu du Deuxieme Symposium sur l'enseignement du droit de l'espace
- 1973 Compte-rendu du troisieme Symposium sur l'enseignement du droit de l'espace (Williams)
Rapport général sur l'état actuel de l'enseignement et l'étude du droit de l'espace dans le Monde (Pépin)
Course of Space Law in Spain (Estrade)
Ensenanza del derecho espacial en Mexico (Francoz-Rigalt)
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The Development of Space Law in the Federal Republic of Germany (Pick)
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- 1959 The Influence of the Exploration of Outer Space on Mankind (Rode-Verschoor)
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Space and Cogno-politics: A Third Force in World Affairs (Yeager)
The Behavioral Sciences in the Space Age (Fursey)
- 1960 A Research Approach to the Impacts on Society

- of Peaceful Space Activities (Michael)
 The International Control of Outer Space:
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- 1961 Legal Problems of Outer Space as a Factor in
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- 1972 Space Law and International Action (Brooks)
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- 1974 Space Law and the Practicing Lawyer (Tamm)
- 1976 International Space Law and the Less Developed
 Countries (Christol)
- 1977 Space Activities and Insurance (Magno and
 Scifoni)

II. General Principles

A. Before the 1967 Treaty

Generalities

- 1959 World Space Law, the Basic Principles for its
 Codification (Rauchhaupt)
- 1962 General Principles of International Space Law
 (Marcoff)
 Reliance upon International Custom and
 General Principles in the Growth of Space Law
 (Jaffe)
- 1963 General Principles in the Utilization of Outer
 Space Advanced by U.S. in the United Nations
 (Gallagher)
 General Principles for the Use of Outer Space
 (Brital)

- General Principles Governing Space Activities
(Galloway)
- Rapport du Groupe de travail de l'I.I.S.L. sur les principes fondamentaux du droit de l'espace
- 1964 The Principle "res communis omnium" and the Peaceful Use of Space and Celestial Bodies (Scifoni)
- 1965 Legal Problems and General Principles of Space Law (Vaicoussis)
- Space Sovereignty and Jurisdiction*
- 1958 Space Age Presents Immediate Legal Problems: Sovereignty and Jurisdiction (Haley)
An American View of Jurisdiction in Outer Space (Feldman)
On the Threshold of Space: Toward a Cosmic Law; Problem of the Upward, Extent of Sovereignty (Gorove)
A Contribution to the Problem of Space Law, Establishing a Technical Limit to Political Sovereignty in Space (Bevilaqua)
- 1959 The Future of National Sovereignty (Beresford)
Toward Solving the Space Sovereignty Problem (Binet)
Circle of Thoughts (Prince de Hanover)
Sovereignty over Outer Space (Kucherov)
- 1960 Sovereignty over Space (Hyman)
Two Problems of Outer Space Control: The Delimitation of Outer Space and the Legal Grounds for Outer Space Flights (Kopal)
International Control of Outer Space (Jenks)
International Control of Outer Space: Some Preliminary Problems (Cooper)
Survey of Legal Opinion on Extraterritorial Jurisdiction (Haley)
- 1961 Sovereignty in Space (Prince de Hanover)
Can Individual Nations obtain Sovereignty over Celestial Bodies? (Verplaetse)
- 1962 The Space Age and National Power (Vehnevajas)
1962 Sovereignty and National Rights in Outer Space and on Celestial Bodies (Woetzel)
On the So-Called Upper Limit of National Sovereignty (Sztrucki)
National Sovereignty in Space (Schrader)
Sovereignty and Sovereign Rights in Outer Space (Kucherov)
- 1963 The Upper Limit, Boundary Question (Cooper)
Passage of Space Draft through the Airspace (Cooper)

- International Security Controls: From the Atom to Cosmic Space (Gorove)
 Freedom of Space and the Limits (Zhukov)
- 1964 The Impact of Space Law on the Classical Notion of Air Sovereignty (Smirnoff)
- 1965 The Legal Status of Outer Space and International Cooperation (Hortatos)
 To Whom Belongs Space? (Magno)
 The Monist and Dualist Theories and the Upper Limits of Space Sovereignty (Rani)
- 1979 Some Questions (without answers) Concerning the Consent of States to be Bound by Treaties Governing Activities in Outer Space (Bakotić)

Peaceful Aims

- 1959 Outer Space for Peaceful Aims Only (Kucherov)
- 1960 World Security and the Peaceful Uses of Space (Galloway)
- 1966 La notion d'utilisation pacifique en droit international cosmique (Marcoff)

Freedom of Space

- 1959 Dynamical Limitation of the Freedom of Space (Fonseca)
- 1966 Imperio de la ley y libertad del espacio en el Derecho astronáutico (Montella)

B. The 1967 Treaty

General Interpretation

- 1967 Interpretation of the Space Treaty of 1967 (Herczeg)
 Background Aspects of a Treaty Governing the Exploration and Uses of Outer Space (Berger)
 Treaty for the Exploration and Use of Outer Space (Machado)
 Space Law Treaty (Schrader)
 The Treaty of Space 1967: Its Role and Importance (Smirnoff)
 Some Observations Regarding the Space Treaty (Diederiks-Verschoor)
 Signatures of the Space Treaty
 Interpreting the Space Treaty (Galloway); Comments (Magno)
 Scientific and Technical Agreement on Space (Vereshchetin)
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- 1968 General Report on Interpretation of the Space Treaty (Galloway) and Questions and Comments (Bourely, Herczeg, Salinas)
 Interpretation of the Space Treaty (Mankiewicz)
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- 1972 Space Treaties and Space Technology: Questions of Interpretation (Gál)
- 1974 The Legal Foundation of the Principles of Outer Space Law (Hortatos)
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- 1976 Exegesis del Tratado sobre los Principios que deben regir las Actividades de los Estados en Exploración y Utilización del Espacio (Hernández)
- 1977 Position of International Organizations in the Corpus Juris Spatialis (Reijnen)

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- 1975 Le concept juridique de souveraineté et le droit spatial (Hervy)
- 1976 Sovereignty in Outer Space Law (Kolossov)
 Perspectives of the Uses of Outer Space for Applied Purposes and Space Sovereignty (Vereshchétin)
- 1977 Sovereign Rights in Outer Space (Gorove)
 Sovereignty and Outer Space: Spatial Illusions (Wolcott)

Peaceful Purposes

- 1967 The “Peaceful Uses” of Outer Space after the Space Treaty (Gál)
- 1968 Interpretation of the Term “Peaceful” (Meyer)
 The Juridical Meaning of the term “Peaceful” (Marcoff)
 On the Question of Interpretation of the Term “Peaceful Uses of Outer Space” (Zhukov)
 Against the So-Called “Broader Interpretation of Peaceful” (Marcoff)
 Interpreting Article II of the Space Treaty (Gorove)

- 1969 Problem of "Peaceful Purposes" Revisited (Poulantzas)
- 1974 What is the Meaning of the Use of the Cosmos Exclusively for "Peaceful Purposes" (Niciu)
- 1978 Utilisation de l'espace extra-atmosphérique à des fins pacifiques (Busak)
Space Law and Astronautics for Peace and Human Progress (Galloway)
Space Law and Astronautics for Peace and Human Progress (Gorove)
The Linking of Science, Law and the Art in Space Technology for Peace and Human Progress (Gorove)

Freedom of Space

- 1970 Limitations on the Principle of Freedom of Exploration and Use in the Outer Space Treaty (Gorove)
- 1978 The Problem of Freedom of the Exploration and Use of Outer Space (Dudakov)

Non-Appropriation Principle

- 1970 A Further Answer Regarding the Non-Appropriation Principle (Marcoff)
- 1975 Political Consideration on Some Aspects of the Law of Outer Space (Meyers)
- 1976 Is There a General International Law of Original Ownership? Relations with Deep Ocean Bed Resources (Goldie)

International Cooperation

Generalities:

- 1966 Il diritto spaziale di fronte ai problemi della collaborazione internazionale (Magno)
Legal Forms on International Cooperation of U.S.S.R. in Peaceful Exploration of Outer Space (Vereshchetin)
- 1973 Programme spatial national et international (Stoebner & Tchernonog)
- 1974 Cooperation of States in the Peaceful Exploration and Uses of Outer Space within the Framework of International Organizations (Kamenetskaya)
- 1975 Political Considerations of Some Aspects of the Law of Outer Space (Meyers)

- 1976 Cooperation among States in the Exploration and Use of Outer Space (Kamenetskaya)

Consultations:

- 1968 International Consultation and the Space Law Treaties (Verplaetse)
 1974 Provisions of the Space Treaties on Consultations (Herczeg)
 International Consultation and Space Treaties (Sztucki)

Mankind's Common Interest

- 1970 Mankind as a New Legal Subject (Cocca)
 Something More About Humanity as Subject of Law (Maqueda)
 1974 "Common Interests" in Implementing the Obligation of Article I (I) (Marcoff)
 1975 Interest of All "Mankind" in Political Consideration (Meyers)
 The Legal Common Heritage of Mankind: Capturing an Illusive Concept and Applying it to World Needs (Christol)
 1976 Mankind as a Subject of Future Law of Outer Space (Krstic)
 Space Law and Energy: A Question of International Heritage of Mankind (Okolie)
 1979 Legal Aspects of the Common Heritage of Mankind (Arzinger)
 Article XI of the Draft Moon Agreement (Rosenfield)
 1981 The Common Heritage of Mankind and the Moon Agreement; Economic Implications and Institutional Arrangements (M. Williams)

III. Space Field

A. Outer Space

Definition

- 1958 Definition of Air Space (Jastrow)
 The Problem of Definition of "Air Space" (Cooper)
 Definition and Subdivisions of Space;
 Bioastronautical Aspects (Strughold)
 Remark on Definition (Woetzel)
 1965 The Specified Name Applicable to Space for Its Use in Law Not Applied (Pinheiro)

- 1967 The Definition of Outer Space (Galloway)
 The Problem of the Definition of Outer Space
 (Zhukov)
 What is Outer Space in Astronautics and Space
 Law? (Kopal)
- 1968 Round Table on the Determination of the
 Scientific Factors for Defining Outer Space
 (Brun, Campbell, Cocca, Fasan, Kopal, Meyer,
 Roberts, Aranguez, Zwicky)
- 1976 Remarks on Scientific Criteria for the Definition
 of Outer Space (Ferek)
- 1977 Definition of Outer Space and Outer Space
 Activities (Haanappel)
- 1978 Remarques sur la définition de l'espace extra-
 atmosphérique (Gorbiel)
 Définition and/or Delimitation of Outer Space.
 Common Regime Theory (Smirnoff)
 L'espace extra-atmosphérique: implications
 juridiques d'une documentation technique
 (Stoebner)
- 1979 The Question of Delimitation – After Twenty
 Years (Gál)
 Conflicts of Law and the Delimitation of Outer
 Space: An Interest Analysis Approach (Tennen)
 On the Problem of the Delimitation of Air Space
 and Outer Space (Vasilevskaya)
- 1980 Delimitation of Outer Space (Zhukov)

Limits Between Air and Space

- 1958 Problems in Establishing a Legal Boundary
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Celestial Bodies in General

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Remarks on Celestial Bodies (Sztucki)
- 1967 Considérations concernant l'exploration des corps célestes (Pelegrí)
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The Moon

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- 1969 Property on Moon Samples and Things Left on the Moon (Jenks)
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- Status of International Space Flight (Menter)
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- 1965 Space Stations and the Law (Tamm)
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- 1968 Report on Rescue Agreement (Magno)
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Problems Arising from the Interpretation of the Agreement (Kopal)
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Universal Cooperation

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- 1970 Problèmes de la contamination de l'espace environnant (Estrade)
- 1971 Legal Problems for the Protection of the Earth Environment (Estrade)
Legal Problems of the Terrestrial Environment (Fasan)
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- International Space Communications Systems (Legal Principles of their Creation, Functioning and Coordination) (Vereshchetin)
- 1972 Legal Problems of Satellite Communication (Kozluk)
- The Need for International Community Systems of Satellite Telecommunications (Krause-Ablass)
- 1974 Broadcasting Satellites: Prospects and Problems (Gehrig)
- The Brussels Convention Concerning the Protection of Signals Transmitted from Satellites (Ferrer)
- Preliminary Draft of Study of Censorship Provisions of a Proposed Telecommunications Satellites Treaty and the U.S.A. Constitution (Lay, Gribble, Copeland, Kirsd)
- Some Legal Aspects of the Use of Communications Satellites (Goedhuis)
- 1977 La libre circulation des informations scientifiques et techniques et le droit privé et international (Kaltenecker)

- Information from Space: An Ethical Resource for All Mankind (Moore)
- Legal Aspects of New Communications Satellite Services with Particular Reference to the Western Hemisphere (Hallgarten)
- 1978 Telecommunications: Legal Issues Arising from Space Activities (Milancovic)
An Introduction to Space Telecommunications Regulations (Sarkar)
- 1979 Space Telecommunications at Present and in the Future (Busak)
Space Telecommunication and Regional Cooperation (Kosuge)
- 1980 International Cooperation in Regulating 12 GHz Band Geostationary Satellite Communications: Technology, Geopolitics and the Common Heritage of Mankind (Rothblatt)
Space Information Stations: Technological and Institutional Aspects (D. D. Smith)
Emerging Patterns of a Private International Space Law Regime—Evolutionary or Revolutionary? (Stewart)
- 1981 A Jurimetric Framework for the International Allocation and Economic Development of the Orbit/Spectrum Resource (Rothblatt)
- International Telecommunication Union*
- 1970 Activité de l'U.I.T. (Secrétariat de l'U.I.T., International Telecommunication Union)
Aspects juridiques des problèmes de fréquences radioélectriques (Busak)
- 1971 Résultats de la Conférence mondiale des Télécommunications (Busak)
- 1974 Telecommunications Convention and its Impact on National and International Institutions (Sarkar)
- 1976 Frequency Allocation for Passive Use of the Radio Spectrum for Scientific Studies (Stull & Alexander)
- 1977 World Administrative Radio Conference (Mili)
- 1979 The International Telecommunication Union and the International Law of Outer Space (Christol)
- 1980 ITU WARC-79 and Its Implications - International Control of Allotments of the Radio Fre-

quency Spectrum and Geostationary Satellite Orbit (Kosuge)

Implications of the 1979 WARC for 12 GHz Satellite Services in Region 2 (Stowe)

- 1981 Implications of WARC '79 on Space Communications (Sarkar)

Telecommunications Systems

INTELSAT:

- 1965 Current Problems of the Communications Satellites Corporation and the International Consortium (Haley)
The Comsatco: The Beginning of a Commercial Era in Space (Hyman)
- 1966 International Organization for Satellites Communications: A Study Program Proposal (Doyle)
- 1967 Global Satellites Communications and International Organization: A Focus on INTELSAT (Colino)
- 1968 The Definitive Arrangements for INTELSAT (Donahue)
The INTELSAT Consortium and Established Principles Governing Activities in Space (Doyle)
- 1969 Legal Questions at the Washington INTELSAT Conference (Vereshchtein)
Positions Taken by U.S.A. in the Negotiation of Definitive Arrangements for INTELSAT (Donahue)
Los Acuerdos de Washington de 1964 (Picarel)
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- 1970 INTELSAT (Colino)
- 1971 Permanent Arrangements for the Global Communications Satellites System (Doyle)
- 1972 Report on Progress in the Implementation of the INTELSAT Definitive Arrangements (Doyle)
Arbitration Provisions Governing International Commercial Communications Satellites (Colino)
- 1976 Actual Legal and Administrative Problems of the INTELSAT Organization (Paternmann)

European Systems:

- 1971 Télécommunications par Satellites européens (Thynne)

- Le Programme des satellites européens de télécommunications (Arets)
- 1975 Les futurs systèmes opérationnels de satellites en Europe (Kaltenecker)
- Direct Broadcasting:*
- 1969 The Rules Concerning the Direct Broadcasting by Satellite at the United Nations (Magno)
- 1970 Radiodiffusion directe par satellite (Magno)
- 1971 Some International Legal Issues on the Direct Television Broadcast Satellite (Dudakov)
- 1972 Perspective de la télévision et de la radiodiffusion directes (Busak)
Legal Consequences of "Spillover" Resulting from Satellite Direct Broadcasting (Kolossov)
Direct Satellite Telecommunications: Recent Legal Developments (Poulantzas)
- 1973 Direct Television Broadcasting (Busak)
Outer Space T.V. Law as "jus speciale" (Dersi)
Legal Aspects of Direct Television Broadcasting (Dudakov)
Positive and Negative Aspects of the Law of Direct Television Broadcasting from Space (Gál)
Legal Regime of Social Consequences of Direct Television Broadcasting through Artificial Earth Satellites (Jourakov)
The Question of the Law Applicable in Case of Damages Caused by Direct Satellites Broadcasting (Paternmann)
The Freedom of Information and Direct Broadcasting Satellites (Ruddy)
Requirements for Establishing a Broadcast-Satellite Service (Sarkar)
Social Consequences of Overlapping and the Regulation of Direct Television (Vasilieva)
- 1974 La radiodiffusion directe par satellite (Busak)
Direct Broadcast by Satellites (Cocca)
La liberté de l'information en matière de télévision directe (Dausez)
Direct Broadcast Satellites (Galloway)
Direct Television Broadcasting by Satellite (Gorove)
Broadcasting Satellites: Prospects and Problems (Gehrig)
The Implications of Direct Broadcast Satellites are Changing the Face of the World (Williams)

- 1975 Direct Television Broadcast by Satellites: A Proposal for Cooperation (Gorove)
- 1976 News About the Direct Television Problem (Magno)
- Direct Broadcast Satellites by Treaty or Regulation (Moore)
- Broadcast Television Direct by Satellite (Reijnen)
- International Law Problems of Direct Television Broadcasts from Satellites (Zhukov)
- 1978 Direct Satellite Telecommunication and Space Law (Andhyarujina)
- Present and Future Legal Problems of Direct Television Broadcasting and their Reflection in Principles Governing this Kind of Space Activities (Kopal & Kunz)
- 1979 The Future of Direct Transmissions via Satellite from the Aspect of the Author (Móra)
- International Copyright Questions of Indirect Broadcasts by Satellites (Szilágyi)

Geostationary Orbit:

- 1972 International Legal Problems on the Use of Geostationary Orbit (Dudakov)
- 1975 Report on the Legal Status of the Geostationary Orbit (von Kries)
- Quelques réflexions sur le statut juridique de l'orbite géostationnaire (Busak)
- 1976 Geostationary Orbit: Technology and Law (Gehrig)
- International Legal Problems on the Use of Geostationary Orbit (Dudakov)
- Use of Geostationary Orbit in the Future of Space Law (Galloway)
- 1977 Toward an Adequate Legal Regulation of the Geostationary Orbit (Cocca)
- The Use of the Geostationary Orbit (Ferrer)
- The Geostationary Orbit and 1967 Outer Space Treaty (Finch)
- Telecommunications, National Sovereignty and the Geostationary Orbit (Galloway)
- Le statut de l'orbite géostationnaire (Gorbiel)
- Physics, Uses and Regulation of the Geostationary Orbit or "Ex facto sequitur Lex" (Perek)
- Geostationary Orbital Positions for Space Stations (Sarkar)

- 1978 Outer Space Global Interdependence and the Geostationary Orbit (Finch)
 The Use of the Geostationary Orbit (Galloway)
 National Use of the Geostationary Orbit and International Cooperation (Kosuge)
 Geostationary Orbit (Nauges)
 Legal and Political Problems of the Geostationary Orbit (Wiewiorowska)
 Article II of the Outer Space Treaty and the Status of the Geostationary Orbit (Haanappel)

H. Remote Sensing

- 1969 Two Emerging Problems of Space Law Concerning Remote Sensing Satellites (Alexander)
- 1970 Los Satelites equipados con sensores remotos y los recursos naturales (Barboza)
 Survey from Space of Earth Resources (Brito)
 Survey from Space of Earth Resources (Smirnoff)
- 1971 Evaluacion, conservacion y desarrollo internacional de los recursos terrestres (Brito)
 Legal Problems Relating to the Evaluation, Conservation and Development of Earth Resources by Means of Space Objects (Cocca)
- 1972 Legal Problems of the Dissemination of Information Obtained from Earth Resources Survey Satellites (Brito)
 Detection of Earth Resources by Remote Sensors (Estrade)
 Principios para un convenio internacional de teledeteccion de recursos terrestres (Ferrer)
 The Role of U.N. in Earth Resources Satellites (Galloway)
 International Legal Aspects of Earth Resources Satellites (Grove)
 L'étude des ressources terrestres par des objets spatiaux (Marcoff)
 Aspects juridiques de l'estimation, conservation et développement des ressources de la Terre (Meloni)
 Some Thoughts on Liability for the Use of Data Acquired by Earth Resources Satellites (Grove)
- 1973 Remote Sensing of Earth Resources by Satellite (Galloway)
 Practical Use of Space Vehicles in the Light of

- the Principles of State Sovereignty over Natural Resources (Bordanov)
- Space Sensing of Harms to the Marine Environment (Christol)
- National Sovereignty and Remote Sensing of Earth Resources by Satellites (Dauses)
- Aspects juridiques des satellites de détection des ressources terrestres (Hervy)
- Possibility of Technical Control over Surveying from Space (Pikus)
- La télédétection des resources terrestres des satellites (Tchernonog)
- Earth Surveying from Space in the Light of the Principle of Sovereignty (Williams)
- 1974 La télédétection et l'Accord Canada-U.S.A. de 1971 (Bélanger)
- Problèmes juridiques de la télédétection de la Terre (Bordunov)
- Earth Resources Satellites (Heere)
- Proposal of Convention on Remote Sensing (Verdacchi)
- 1975 Earth Resources Survey Program: New Results (Harrison)
- 1976 Legal Problems of Use of Data Remote Sensing (Bordunov)
- Remote Sensing By Satellites and Aerospace Law (Matte)
- Scientific and Legal Objectives in Remote Sensing (Sarkar)
- International Law Problems Related to the Exploration of Earth Resources from Outer Space (Zhukov)
- The Development of International Law Relating to Remote Sensing of Earth from Outer Space (Stowe)
- 1977 Remote Sensing and International Law (Kosuge)
- Introductory Note on Scientific and Legal Aspects of International Cooperation in Remote Sensing (Kopal)
- Some Legal Problems of Remote Sensing of Earth from Outer Space (Bordunov)
- The Present Status of Remote Sensing in the United Nations (Galloway)
- Legal Aspects of International Cooperation in Remote Sensing (Ferrer)

- Aspects juridiques de la Télédétection de la Terre par satellites (Laferranderle)
- Remote Sensing of Earth Resources: Whether a Tool for Financial Intervention and Exploitation (Andhyanrjina)
- 1978 Operational Remote Sensing Systems – A Status Report (Gehrig)
- Sovereignty and Remote Sensing (Bordunov)
- 1979 Legal Problems of International Cooperation in Remote Sensing (Bordunov)
- Data Protection in the Technique of Remote Sensing by Satellites (de Graaf and Reijnen)
- Systems of Remote Sensed Data (Wiesenberger)
- 1980 Remote Sensing of Earth and Its Environment (Bordunov)

I. Energy from Space

- 1975 The Utilization of Space as a Source of Energy for the Earth (Estrade)
- International Implications of Solar Energy (Gorove)
- Espace et énergie (Stoebner)
- Utilization of Energy from Space: Some Legal Questions (Fasan)
- 1976 Solar Energy from Outer Space in the Future of Space Law (Galloway)
- Space Energy Law and the Hierarchy of Norms (Fasan)
- Energy, Ecospace (Finch)
- Space Law and Energy with Relationship to the Outer Space Station (Okolie)
- 1977 International Law and Solar Energy Satellites (Berger)
- Legal Considerations on the Development and Use of Satellite Solar Power Stations (Moss)
- International Law and Outer Space Activities: The Problem of Sovereign Jurisdiction in Outer Space Energy Exploration and Exploitation (Okolie)
- International Law and the Use of Outer Space for the Protection of Solar Power (Tennen)
- 1978 Legal Norm Creation Concerning Solar Energy in Contemporary International Space Law (Okolie)
- The Legal Aspects Concerning Solar Energy (Safavi)

- 1979 Legal Aspects of Solar Power Satellites: Focus on Microwave Exposure Standards (Gorove)
 Institutional Issues in International Solar Energy Utilization (Von Kries)
 Solar Energy Bank for Mankind in Contemporary International Space Law (Okolie)
 Legal and Political Problems of the Solar Power Stations in Space (Wiewiórowska)

J. Space Colonies

- 1976 A Legal Regime for Space Colonies (Gorove)
 Space Law – Earth Law: Recognizing and Accepting the Distinction; with a Draft Treaty Governing Conduct of Long Duration or Permanent Inhabitants of Outer Space (Robinson)
- 1976 The Role of the U.N. in the Colonization of Outer Space (Berlin & Tennen)
 Legal and Economic Prerequisites to Space Industrialization (Dula)
- 1977 Legal Ties of a Space Community to Earth (Gorove)
 The Art of Living in Space (Sterns and Tennen)
- 1979 Relations with Alien Intelligences: Legal Aspects and Political Realities (Myers)
 Outer Space Colonization: A Planned Unit Development? (Tamm)
 International Recognition of the Art of Living in Space: The Emergence of Settlement Competence (Sterns and Tennen)
- 1980 Some More Observations on Solar Satellites and their Legal Aspects (Diederiks-Verschoor)
 Solar Power Satellites: Framework for an International Cooperative Agreement (Gorove)
 Internationalization of Solar Power Satellites: Some Legal and Political Aspects (Gorove)
- 1981 Institutional Arrangements: Foundations for Development of Living in Space (Sterns and Tennen)

K. Commercial Activities, General

- 1981 Legal Implications of Commercial Space Activities (Böckstiegel)
 Legal Implications of Economic Activities in Outer Space (Cocca)
 Regulation of Private Commercial Space Activities (Dula)

Legal Aspects of Economic Activities of States and Technology Transfer to Outer Space (Okolie)

Future Legal Rules in Respect to Private Enterprise in Outer Space (Reijnen)

“Use” in Economic Development of Outer Space (Rosenfield)

L. Space Transportation Systems

- 1981 Space Transportation Systems: Some International Legal Considerations (Gorove)
 Legal Implications of Space Transportation Systems (Menter)
 Legal Implications of Space Transportation Systems (Safavi)
 International Legal Requirements as a Basis for Juridically Feasible Space Transportation (Traa-Engelman)
 On the Elaboration of the Law of Manned Space Flights (Vereshchetin)

M. Institutional Arrangements, General

- 1981 Military Activities in Outer Space: The Emerging Law (Almond)
 Institutional Arrangements for Space Cooperation in Europe (Bourély)
 Status of International Organizations in Respect of International Space Organizations (Bourély)
 Alternative Models for a Future International Space Organization (Christol)
 The “Common Heritage of Mankind” in the 1979 Agreement Governing the Activities of States on the Moon and other Celestial Bodies (Dekanozov)
 Ecospace (Finch)
 Brief Remarks on Some Imperfections of the 1979 Moon Agreement and on their Implications (Gorbiel)
 The Role of the Working Groups in the Organizational and Legal Mechanism of the Co-operation of Socialist States within the Framework of the Intercosmos Programme (Kamenetskaya)
 International Legal Basis and Organizational Framework for Space Activities: Present State, Problems and Prospects (Kopal)
 International Cooperation in Outer Space: Ex-

- tending the European Model (Leister)
 Institutional Arrangements for Space Activities:
 an Appraisal (N. M. Matte)
 Should Lawyers be Allowed in Outer Space? T/S
 Golden Bear May Suggest an Answer (Sloup)
 Institutional Arrangements: Foundations for De-
 velopment of Living in Space (Sterns and Ten-
 nen)
 Satellite Alert Warning - Catalyst for an Interna-
 tional Disaster Response Legal Regime? (Stew-
 art)
 Stations on the Moon: Legal Status (Vassilev-
 skaya)
 Implementation Mechanisms for Conflict Reso-
 lution: Commissions of Inquiry: a Cosmic View
 (Woetzel)
 Functions of the UN Secretary General under In-
 ternational Outer Space Agreements (Zhukov)

VI. Liability for Damage

A. Before the Treaty of 1972

- 1958 The Responsibility of States for the Damage
 Caused by Launching Space Bodies (Rode-
 Verschoor)
- 1960 Damage to Third Parties on the Surface Caused
 by Space Vehicles
Rapport introductif (Pépin) et commentaires
 (par Cooper, Verplaetse, Beresford,
 Rauchhaupt)
Suggestions for an International Convention on
Third Parties Damage Caused by Space Vehicles
 (Cooper)
- Principles of Spacecraft Liability (Beresford)
- 1962 Space Vehicles Accidents and Civil Liability
 under American Law (Berger)
 General View on the Problems Studied and Still
 to be Studied in Connection with the Respon-
 sibility for Damage Caused by Spacecraft (Rode-
 Verschoor)
 Damages in Space Law (Rauchhaupt)
- 1963 Requirements for an International Convention
 on Spacecraft Liability (Beresford)
 The Question of International Responsibility of
 States before the U.N. Committee, and Some
 Suggestions (Csabafi)

- Some Problems of Liability Arising out of Space Activities (Goldie)
- The Rule of Exhaustion of Local Remedies and Liability from Space Vehicles Accidents (Poulantzas)
- Some Suggestions Regarding a Separate Convention on the Liability for Damages Caused by Spacecraft (Rode-Verschoor)
- Space Activities and Resulting Tort Liability (Schrader)
- 1964 Apercu des problemes de responsabilité pour dommages causés par le lancement des objets dans l'espace extra-atmosphérique (Bolintineanu)
- Recent Developments Regarding Liability for Damage Caused by Spacecraft (Rode-Verschoor)
- 1965 Rapport général sur les questions de responsabilité (Berezovski) et Remarques (Pelegri)
- Space Vehicle and Astronaut Assistance and Liability for Damage (Berger)
- Proposals Relating to an International Convention on Liability for Damage by Space Vehicles (Activities of Private Operators) (Bodenschatz)
- International Organizations and Liability for Space Activities (Bourely)
- Liability for Space Damage: U.N. and Rome Convention (Cooper)
- Space Legal Liability (Csabafi)
- Some Legal Problems of Liability in Connection with Outer Space Activities (Herczeg)
- 1966 Le probleme de l'indemnisation (Stellacatos)
- Le probleme de la responsabilité de l'exploitation des engins volants (Berezowski)
- Quelques aspects juridiques des conséquences d'un systeme de responsabilité dans l'espace (Papacostas)
- Some Observations on Liability for Damage in Space Law (Rode-Verschoor)
- Liability for Damage Caused by Space Activities (Scifoni)
- General Remarks on the Problem of Liability (Machado)
- 1967 International Liability for Space Activity and Draft Resolution (Meloni)

- 1968 Aspect de la responsabilité internationale des organisations internationales de l'espace (Kaltenegger & Arets)
 International Liability for Damages Caused by the Launching of Objects into Outer Space (Dembling)
 La recherche d'un compromis en matière de responsabilité pour dommages causés par des objets spatiaux (Vancatassan)
- 1969 Rapport général sur la responsabilité (Rajski)
 The Position and Liability of the International Space Organizations under the Convention on Liability (Kaltenegger & Arets)
 Liability for Damages for Space Activities (Schrader)
 Determinación del responsable por los daños enunciados (Maldonado)
- 1970 Establishing Liability for Outer Space Activities (Dembling)
 Draft Convention on Liability (Herczeg)
 Considérations concernant la responsabilité dans le droit spatial (Niciu)
- 1971 Remarks on Some Aspects of Space Liability (Williams)
- 1979 Do We Need a Strict, Limited Liability Regime in Outer Space? (DeSaussure)

B. After Adoption of the Convention

General Questions

- 1972 The Convention on Liability (from an Aviation Insurer Point of View) (Bodenschatz)
 The Principle of "Full Compensation" in the Convention (Cocca)
 The Convention on Liability (Diederiks-Verschoor)
 Space Treaties and Space Technology: Questions of Interpretation (Gál)
 Some Thoughts on Liability for the Use of Data Acquired on Earth Resources (Gorove)
 Some Problems of the Convention on Liability Arising from Space Activities (Herczeg)
 Notes sur l'interprétation de la Convention sur la responsabilité (Meloni)
 Interpretation of Some Articles of the Convention (Patermann)
 Some Remarks on the Convention (Poulantzas)

- Algunas puntuaciones acerca de la interpretacion y aplicacion del convenio sobre la responsabilidad (Rusconi and Lazano)
- Notes et observations a propos de la Convention (Verducchi)
- Further Remarks on Space Liability (Williams)
- 1973 Some Aspects of the Applicable Law within the Framework of the Convention (Poulantzas)
- Some Comments on the Convention (Gorove)
- 1974 Convention on International Liability for Damage Caused by Space Objects (Rajski)
- Pro and Contra of Liability of International Organizations in Space Law (Diederiks-Verschoor)
- International Organizations and the Law of Outer Space (Gorove)
- Some Observations on Liability of International Organizations (Diederiks-Verschoor)
- 1977 Management of Inter and Third Party Liability for Routine Space Shuttle Operations (Dula)

Responsibility for Transport of Nuclear Materials

- 1978 Cosmos 954 and the Question of Liability (Gorove)
- Le probleme juridique de la responsabilité pour les dommages subis a l'occasion d'un transport dans l'espace de matieres nucléaires (Hervy)
- Legal Status of Satellite with Atomic Energy Reactor (Kosuge)
- Space Law and the Use of Nuclear Power in Outer Space (Reijnen)

VII. Settlement of Disputes

- 1963 Synthetic Sanctions for Use (Caplan)
- 1964 Certain Aspects of the Potential Role of the International Court of Justice in the Settlement of Disputes Arising Out of Space Activities (Poulantzas)
- De la création d'un comité mondial ou de comités continentaux d'experts juridiques spatiaux pour le règlement humanitaire des conflits ou des incidents spatiaux d'apres l'expérience du CITEJA (Fobeur & Borneque-Winandy)
- 1967 The Need for Enforcement of International

- Space Law Treaties (Shiffer & Snyders)
- 1976 Moyens de règlement de différends du fait d'activités spatiales (Stellacatos)
- 1977 Settlement of Disputes Regarding Activities in Outer Space (Böckstiegel)
- 1980 Settlement of Disputes on International Regimes Applicable to Space Activities (Böckstiegel)
A Universal Code of Conduct - International Crimes - a Cosmic View (Woetzel)

VIII. The Future of Space Law

- 1968 Next Steps in Space Law (Pépin)
Seven Stages in the Development of Space Law (Jenks)
Survey and Prospects of the Law of Space (Rauchhaupt)
Tendencies and Prospects of the Development of Space Law (Zhukov)
A Reexamination of the Approach to Space Law (Thomas)
The Outer Space Treaty and its Aftermath (Poulantzas)
- 1969 Algunas consideraciones sobre el derecho espacial y su probable evolucion (Troiani)
- 1970 Future Activities and Actions of the Various International Organizations in the Field of Space Law (Kopal)
- 1972 New Space Matters Needing Juridical Attention (Estrade)
- 1974 Toward an International Convention on Aerial and Outer-Space Collisions (Beshai)
The Galactic Extension of Outer Space Law (Rauchhaupt)
- 1975 Extraterrestrial Intelligence and Earthians (Reijnen)
The New Tasks of Space Law (Smirnoff)
- 1976 The Future of Space Law (Galloway)
Future of Space Law (Abdurrasyid)
The Future of Space Law (Gorove)
The Future of Space Law and the Disarmament Problem (Marcoff)
- 1979 Progress Report on Research Regarding the Settlement of Space Law Disputes (Böckstiegel)
The Settlement of Disputes in International Space Law (Cocca)

ANNEX V

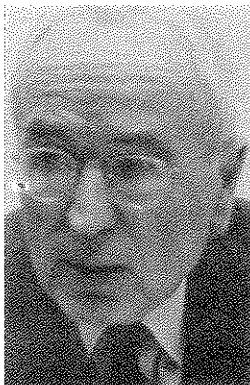
IISL AWARDS 1961-1982

In order to identify the contributions made to space law during past years and to have a complete record in the IISL Proceedings, the following awards made between 1961 and 1982 are set forth:

1961, Washington, D.C., Fourth Colloquium on the Law of Outer Space

The Andrew G. Haley Gold Medal
awarded to

JOHN COBB COOPER



Jurist, educator, naval officer, pioneer in aeronautics and astronautics, and world statesman.

Professor Cooper is the greatest exemplar of that monumental pioneer community of jurists who originally fashioned the law of aeronautics and he is truly the leader and inspirer of those exponents of the social sciences who believe, in Professor Cooper's own words, that law should precede man into space. His rare talents for past decades have been used by the nations of the world to bring order into aeronautical regimes, and his wise statesmanship is now enlightening and guiding those who are so earnestly implementing the rule of law in outer space.

Professor Cooper, first Laureate of the Gold Medal, is indeed the father of space law, and this tribute is attested to by his colleagues under the seal of the Institute, this Fifth day of October, 1961, at Washington.

1962, Varna, Bulgaria, Fifth Colloquium
The Andrew G. Haley Gold Medal awarded to
DR. ALEX MEYER



Educator, statesman and social scientist; the world's greatest authority on the basic principles of aeronautical law, and eminent pioneer in the statement of the Rule of Law for Outer Space; professional mentor of the first doctoral thesis on space law, and author of unexcelled ability; for the world's most outstanding contributions to the formulation of concepts of space jurisdiction and sovereignty in space.

and

The Andrew G. Haley Award and Honorarium to
ANTONIO AMBROSINI

Professor of Law, eminent author, founder of legal journal for the international aeronautics community, ambassador and representative of Italy to numerous international conferences; first chairman of the Legal Subcommittee of the United Nations Committee on the Peaceful Uses of Outer Space; for eminent contributions to the formulation of the Rule of Law for Outer Space and for his outstanding leadership in the deliberations of the United Nations.

1963, Paris, France, Sixth Colloquium
The Andrew G. Haley Gold Medal awarded to
EUGÈNE PÉPIN



Educator, statesman, and jurist; one of the truly great pioneers in the formulation of aviation law; former director of the Institute of Air and Space Law of McGill University; consultant to many nations on air law and space law problems; for outstanding achievements in guiding the efforts of social scientists to practical space law goals.

and

The Andrew G. Haley Award and Honorarium to
ERNST FASAN



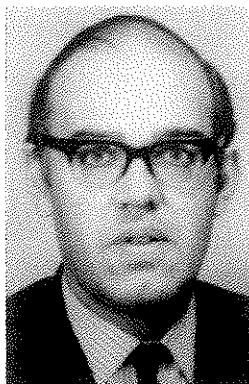
Brilliant young exemplar of the new generation of social scientists who soon will be the leaders in the formulation of the Rule of Law for Outer Space; for his enthusiastic and capable assistance to the Institute and for his cooperation with member societies of the Federation.

1964, Warsaw, Poland, Seventh Colloquium
The Andrew G. Haley Gold Medal awarded to
YEVGENY ALEXANDROVITCH KOROVIN

Jurist, statesman, humanitarian, and educator; for many years Secretary General of the Soviet Red Cross; counsellor and adviser to several international conferences; President of the Commission of Cosmic Law of the U.S.S.R. Academy of Sciences; author of outstanding treatises on international law; for his outstanding contributions in formulating basic principles of cosmic law.

and

The Andrew G. Haley Award and Honorarium to
CYRIL HORSFORD



of the Inner Temple, barrister-at-law, international jurist, member of the Study Group on the Law of Outer Space of the David Davies Memorial Institute of International Studies; for his outstanding contributions to the Draft Code of Rules on the Exploration and Uses of Outer Space and for his leadership as a director of the International Institute of Space Law.

1965, Athens, Greece, Eighth Colloquium
The Andrew G. Haley Gold Medal awarded to
ALDO ARMANDO COCCA



Jurist, statesman, lecturer and author, permanent representative of the Argentine Republic to the United Nations, member of the International Institute of Space Law; for his outstanding and continuing contributions to the fundamental concepts and the evolution of space law, and for his great devotion to international understanding of the problems of the space age.

and

**The Andrew G. Haley Gold Medal to
MYRES S. McDougal**

Sterling Professor of Law at Yale University, member of the International Institute of Space Law, past President of the American Society of International Law, President of the Association of American Law Schools, member of the Executive Committee of the American Branch of the International Law Association, educator and author; for his profound contributions to basic "Theory of Space Law" which have been disseminated to the World Community of Lawyers and Jurists through his public appearances, articles published in learned journals and by his penetrating discussion of existing legal theory and projections for the future in the book, *Law and Public Order in Space*.

1966, Madrid, Spain, Ninth Colloquium
The Andrew G. Haley Gold Medal and Honorarium
awarded to
MANFRED LACHS



Statesman and educator; eminent authority on international law and pioneer in aeronautics and astronautics; ambassador, legal adviser to the Minister of Foreign Affairs and Director of the Legal Institute of the Academy of Sciences, of the Polish People's Republic; Chairman of the Legal Subcommittee of the United Nations Committee on the Peaceful Uses of Outer Space; for outstanding contributions to international realization of the problems of developing the Rule of Law for Outer Space.

1967, Belgrade, Yugoslavia, Tenth Colloquium. No awards were given.

1968, New York City, U.S.A., Eleventh Colloquium

The Andrew G. Haley Gold Medal awarded to
EILENE MARIE GALLOWAY



Senior specialist in international relations, Legislative Reference Service, United States Library of Congress; special consultant to the United States Senate Committee on Aeronautical and Space Sciences; and member of the Board of Directors of the International Institute of Space Law; in recognition of her outstanding contributions since the beginning of the space age as author, lecturer, editor and commentator in connection with the creation and development of space law in order to establish and maintain the Rule of Law in relation to mankind's activities in outer space.

1969, Mar del Plata, Argentina, Twelfth Colloquium

The Andrew G. Haley Gold Medal awarded to
GENNADY PETROVICH ZHUKOV



Doctor of Law; learned Secretary, Commission on Legal Problems of Space, U.S.S.R. Academy of Sciences; Professor of Space Law at the University Patrice Lumumba in Moscow; member of the Board of Directors of the International Institute of Space Law; in recognition of his outstanding contribution, as author and lecturer and through other scientific activities, to the increasing knowledge of space law in the world for the common peaceful benefit of all mankind.

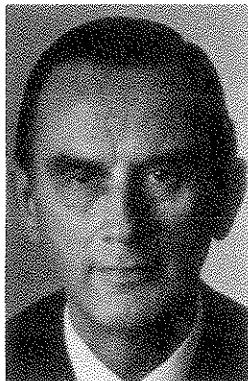
The IISL resumed the practice of making awards in 1977.

1977, Prague, Czechoslovakia

Twentieth Colloquium on the Law of Outer Space

Testimonial certificates were awarded to:

AMBASSADOR EUGENIUSZ WYZNER



in recognition of the tenth anniversary of his leadership and distinguished contribution to space law as Chairman of the Legal Subcommittee of the United Nations Committee on the Peaceful Uses of Outer Space.

MISS KWEN CHEN

in recognition of her leadership and distinguished contribution to space law as Secretary of the Legal Subcommittee of the United Nations Committee on the Peaceful Uses of Outer Space.

DR. STEPHEN GOROVE



in recognition of his leadership and distinguished contribution to space law as founder of the *Journal of Space Law*.

1978, Dubrovnik, Yugoslavia
Twenty-First Colloquium on the Law of Outer Space
Testimonial certificates were awarded to:
DR. NICOLAS MATEESCO MATTE



Director of Research, Institute and Centre of Air and Space Law, McGill University, Montreal, Canada, for his distinguished contributions to space law as author, lecturer and Director.

DR. ALEXANDRE S. PIRADOV

for his distinguished contribution to the law of outer space as head of the U.S.S.R. delegation to the Legal Subcommittee of the United Nations Committee on the Peaceful Uses of Outer Space.

DR. VLADLEN S. VERESHCHETIN



Vice Chairman, Intercosmos, U.S.S.R. Academy of Sciences, for his contributions to space law as author and lecturer.

1979, Munich, Federal Republic of Germany
Twenty-Second Colloquium on the Law of Outer Space

Testimonial certificates were awarded to:

DR. PRIYATNA ABDURRASYID

for achievements in space law and as Director of the Air and Space Law Research Center, Jakarta, Indonesia.

DR. LUBOS PEREK

Chief, Outer Space Affairs Division, United Nations, for his contributions to space law and the peaceful uses of outer space.

1980, Tokyo, Japan, Twenty-Third Colloquium on the Law of Outer Space

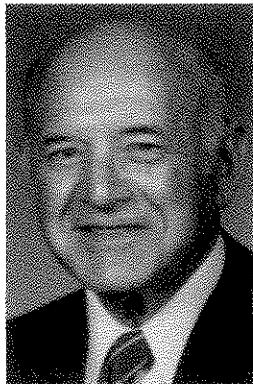
Testimonial certificates were awarded to:

DR. MICHEL BOURÉLY



In recognition of his contributions to Space Law as Legal Adviser, European Space Agency, and as distinguished author on legal problems arising from the use and exploration of outer space.

DR. MARTIN MENTER
Vice President



In recognition of his distinguished contributions to Space Law as author and lecturer and for leadership in the American Bar Association on legal problems arising from the use and exploration of outer space.

1981, Rome Italy, Twenty-Fourth Colloquium on the Law of Outer Space

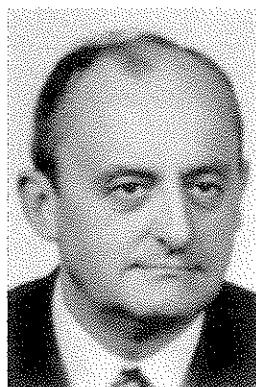
Testimonial certificates were awarded to:

DR. CARL Q. CHRISTOL



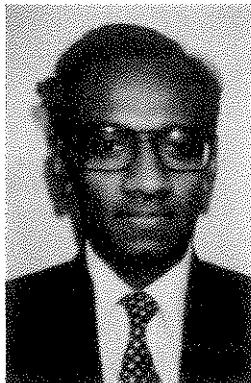
In recognition of his outstanding contributions as distinguished Professor, author and lecturer in analyzing and proposing solutions to legal problems arising from the uses and exploration of outer space.

DR. VLADIMIR KOPAL



In recognition of his outstanding contributions as Director of the International Institute of Space Law, General Counsel of the International Astronautical Federation, distinguished author and participant in the development of international space law.

1982, Paris, France, Twenty-Fifth Colloquium on the Law of Outer Space
A testimonial certificate was awarded to:
NANDASIRI JASENTULIYANA



In recognition of his outstanding contributions to the United Nations Committee on the Peaceful Uses of Outer Space, the Outer Space Affairs Division, International Space Conferences, and UNISPACE '82; author and lecturer on International Space Law for the benefit of all mankind.

ANNEX VI

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*Members are reminded that the Statutes of the International Institute of Space Law provide in Article III, Section 3 that: "All members are elected for life. However, the name of any member who has lost working contact with the Institute for more than three years shall be dropped from the list of the members of the Institute." Corrections to the list should be sent to the President of the Institute. Please do not abbreviate; the member's name, title and complete address should be typed exactly as it should appear on a mailing envelope.

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