

# ***CURRICULUM VITAE***

*(Extended Version)*

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## **Education**

University: University of Leiden, The Netherlands.  
Responsions in History (additional courses: West-European Expansion, Theory of International Relations): October 1981.  
Doctoral in Modern History (additional courses: Economy, History of Political Theories, International Law): July 1986.  
Courses International Institutional Law, European Community Law and Human Rights Law, Fall 1986.  
Doctorate International Space Law, September 1998.

Languages: Dutch, English and German fluently; French reasonably well; bits of Italian and Spanish.

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## **Profession**

Assistant Professor, Department of Public International Law, Faculty of Law, University of Leiden, February 1987-December 1999.  
Associate Professor, Department of Public Law, Faculty of Law, University of Leiden, January 2000-December 2007.  
Co-Director, International Institute of Air and Space Law, Faculty of Law, University of Leiden, September 1990-July 2004.  
Academic Co-ordinator, LLM Programme in International Air and Space Law, Faculty of Law, Leiden University, September 2000-December 2002.  
Director, Space Law Research, International Institute of Air and Space Law, Faculty of Law, University of Leiden, July 2004-June 2007.  
Director, Black Holes B.V., Leiden, July 2007- .  
Professor of Space Law, College of Law, University of Nebraska-Lincoln, January 2008- .

## **Honours and distinctions**

Honourable Mention, Space Essay Contest, World Bar Association, Englewood (Colorado), May 1995.  
Distinguished Service Award of the International Institute of Space Law (IISL) of the International Astronautical Federation (IAF), Vancouver, October 2004.  
Honorary Professor, Gujarat National Law University, Gandhinagar, 2004- .  
Social Science Award of the International Academy of Astronautics (IAA), Valencia, October 2006.  
Harvey and Susan Perlman Alumni / Othmer Chair of Space Law, Lincoln, 2008- .

## **Doctorate supervisions**

T.C. Brisibe, International Law and Regulations of Aeronautical Public Correspondence by Satellite, defended Leiden, November 2006  
G.M. Goh, Dispute Settlement in International Space Law – A Multi-Door Courthouse for Outer Space, defended Leiden, April 2007  
F. Tronchetti, The Exploitation of Natural Resources of the Moon and other Celestial Bodies: a Proposal for a Legal Regime, defended Leiden, December 2008

## Publications

- Private Enterprise and Public Interest in the European ‘Spacescape’ – Towards Harmonized National Space Legislation for Private Space Activities in Europe (1998), Dissertation, xv + 311 + XCII pp.
- The International Space Station – Commercial Utilisation from a European Legal Perspective (Ed. with M.M.T.A. Brus)(2006), xxix + 267 pp.
- National Space Legislation in Europe – Issues of Authorisation of Private Space Activities in the Light of Developments in European Space Cooperation (Ed.)(2011), xxxii + 379 pp.
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- “Het ‘Diplomatieke Recht’ en de Weense Conventie van 1961” [‘Diplomatic Law’ and the Vienna Convention of 1961], 13-4 *Jason* (1988), 6-12.
- “Israël en/of Palestina: Een Broederstrijd in Vogelvlucht” [Israel and/or Palestine: A Fraternal Fight in a Nutshell], in *Telders’ Study Trip ‘89* (1989), 61-80.
- “ESA and EC: Two Captains on One Spaceship?”, in *Proceedings of the Thirty-Second Colloquium on the Law of Outer Space* (1990), 426-35.
- “Challenges and Opportunities: The European Communities and the Conference on Security and Cooperation in Europe”, 3 *Leiden Journal of International Law* (1990), 247-57.
- “The Swedish and British Space Acts and Private Commercial Enterprise under Public International Law”, *Memoria, Conferencia Espacial de las Americas* (1991), 336-42.
- “Law and Practice – European National Space Agencies under International Space Law”, in *Proceedings of the Thirty-Third Colloquium on the Law of Outer Space* (1991), 370-4.
- “The Unification of Germany and International Law”, 12 *Michigan Journal of International Law* (1991), 510-57 (Co-author: Prof. dr. P.H. Kooijmans).
- “The spider in the web and the rainproof umbrella - The two-tiered approach to a national legal framework for private space activities and a German example”, 16 *Revista del Centro de Investigacion y Difusion Aeronautico-Espacial* (1991), 27-43.
- “Liability versus Responsibility in Space Law: Misconception or Misconstruction?”, in *Proceedings of the Thirty-Fourth Colloquium on the Law of Outer Space* (1992), 363-71.
- “Jus Cogens Sive Lex Ferenda” [*Jus Cogens* as *Lex Ferenda*], in *Air and Space Law: De Lege Ferenda*, Essays in honour of Henri A. Wassenbergh (1992), 219-39.
- “Legal aspects of the international space station - Genuine partnership or no genuine partnership: what is the question?”, in *The Highways of Air and Outer Space Over Asia* (1992), 109-20.
- “Pandora’s Box? The Basic Legal Framework for Doing Business with a Space Station: An Inventory of Problems”, in *Legal Aspects of Space Commercialization* (1992), 114-38.
- “The Minsk Space Agreement: A ‘Commonwealth In Space’?”, 20 *Journal of Space Law* (1992), 179-89.
- Japanese translation of excerpts of “Pandora’s Box? The Basic Legal Framework for Doing Business with a Space Station: An Inventory of Problems” (see *supra*), 3-5 *Space* (1992), 18-26.
- “Towards A European Space Agency, Mark II? The Space Program of the Former Soviet Union and the Commonwealth of Independent States”, in *Proceedings of the Thirty-Fifth Colloquium on the Law of Outer Space* (1993), 172-82.
- “Air Transport Policy of the EC Internal Market and Its Policy towards Asia – The European Equation: Liberalization = Increasing Regulation”, in *Europe Beyond 1992* (1993), 288-308.

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- “The Tale of the Spider and the Umbrella – Non-European National Space Laws and National Space Agencies”, in *Basic Materials ECSL Space Law and Policy Summer Course* (1993), 141-9.
- “The Illogical Link: Launching, Liability and Leasing”, in *Proceedings of the Thirty-Sixth Colloquium on the Law of Outer Space* (1994), 349-59.
- “Satellite Communications in the European Community: the Tide is Changing Wave by Wave”, in *Issues in International Air and Space Law, and in Commercial Law, Essays in Commemoration of Prof. Dr. Doo Hwan Kim’s 60th Birthday* (1994), 317-54.
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- “The Undeniably Necessary Cradle – Out of Principle and Ultimately Out of Sense”, in G. Lafferranderie (Ed.), *Outlook on Space Law over the Next 30 Years*, Essays published for the 30th Anniversary of the Outer Space Treaty (1997), 401-14.
- “Two Revolutions in One – The Legal Framework for ‘Space Teleinformatics’”, in *The Law of International relations* (1997), 547-75.
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- “Preliminary Parameters for GNSS: An Overview of the Legal and Institutional Aspects of Global Navigation Satellite Systems”, 2 *Space Forum* (1998), 213-36.
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- “The 1972 Liability Convention – Enhancing Adherence and Effective Application”, in *Proceedings of the Forty-First Colloquium on the Law of Outer Space* (1999), 366-73.
- “International Organisations as Creators of Space Law – A Few General Remarks”, in *International Organisations and Space Law* (1999), 335-43.
- “Het ruimterecht wordt steeds aardser” [Space law increasingly comes down to earth], 27-7 *Trias* (1999), 2-4.

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- “The EOPOLE Project: Towards Coherent Earth Observation Data Policies in Europe”, 20 *ECSL News* (Dec. 1999), 5-7.
- “Public Space Law and Private Enterprise – The Fitness of International Space Law Instruments for Private Space Activities”, in *Legal Framework for Privatising Space Activities*, Proceedings of the Project 2001 Workshop on Legal Issues of Privatising Space Activities (1999), 12-39.
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- “Heeding the Public-Private Paradigm: Overview of National Space Legislation around the World”, in *2004 Space Law Conference Papers Assembled* (2004), 20-34.
- “National Space Legislation: Dealing with Private Space Activities”, 19-2 *The Korean Journal of Air and Space Law* (2004), 221-46.
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- “Big Brother or Eye in the Sky? Legal Aspects of Space-Based Geo-Information for Disaster Management”, in *Geo-information for Disaster Management* (2005), 35-50.
- “European Space Law and Policies”, on CD-ROM: *Remote Sensing Arabia* (2005), 10 pp.
- “To Own Or Not To Own, That Is The Question”, 3-2 *European Journal of Navigation* (2005), 46-55.
- “Satellietinzet voor rampenmanagement – Big brother of eye in the sky?” [Using satellites for disaster management – Big brother or eye in the sky?], 13-4 *VI Matrix* (2005), 26-7.
- “Eyes in the Sky or Big Brother – Legal Aspects of Geospatial Data-gathering in Space”, in 19-8 *GIM International* (2005), 69-71.
- “Bringing Space Law into the Commercial World: Property Rights without Sovereignty”, 6 *Chicago Journal of International Law* (2005), 81-99 (Co-author with H.R. Hertzfeld).
- “Implementing the United Nations Outer Space Treaties – The Case of the Netherlands”, in *Proceedings of the Forty-Seventh Colloquium on the Law of Outer Space* (2005), 139-45.
- “Galileo: an update on general developments and some legal issues”, in *The International Conference on the 21<sup>st</sup> Century New International Air and Space Legal Order* (2005), 131-9.
- “Current and Future Development of National Space Law and Policy”, in *Disseminating and Developing International and National Space Law: The Latin America and Caribbean Perspective* (2005), 25-51.
- “The Changing Paradigm for Space Activities – Space Law Comes Down to Earth”, *Journaal Luchtrecht*, Liber Amicorum for Isabella Diederiks-Verschoor (2005), 109-18.
- “National Space Legislation: What Could the European Approach Be?”, in *Proceedings of the 14th ECSL Summer Course on Space Law and Policy* (2006), 25-34.
- “Towards Monitoring Galileo: the European GNSS Supervisory Authority *in statu nascendi*”, 55 *Zeitschrift für Luft- und Weltraumrecht* (2006), 100-17.
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- “Reach for the Stars ... as long as Lawfully! Legal aspects of Planetary Exploration”, in *Proceedings of ISRO-IISL Space Law Conference “Bringing Space Benefits to the Asian Region”* (2006), P5-P21.
- “A European Legal Regime for Commercial Utilisation of the International Space Station?”, in *The International Space Station – Commercial Utilisation From A European Legal Perspective* (2006), 1-8 (Co-author with M.M.T.A. Brus).
- “The International Legal Framework for European Activities on Board the ISS”, in *The International Space Station – Commercial Utilisation From A European Legal Perspective* (2006), 15-32.

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- “Ruimtepuin en ruimterecht” [Space debris and space law], 5-07 *Justitiële Verkenningen* (2007), 85-94.
- “Space for Tourism? Legal Aspects of Private Spaceflight for Tourist Purposes”, in *Proceedings of the Forty-Ninth Colloquium on the Law of Outer Space* (2007), 18-28.
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- “Implementing the United Nations Outer Space Treaties – The Case of the Netherlands”, in *Nationales Weltraumrecht / National Space Law* (2008), 81-104.
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- “Space Tourism, Private Spaceflight and the Law: Key Aspects”, 16-6 *The Nebraska Lawyer* (2013), 21-30.
- “Trying to Fit a Square Peg into a Round Hole? Applying Air Law to Manned Commercial Spaceflight – the Case Study of Curaçao”, 12-3 *The Aviation & Space Journal* (2013), 23-31.
- “Cutting the bread”, 29 *Space Policy* (2013), 231-3.
- “Legal aspects of using space-derived geospatial information for emergency response, with particular reference to the Charter on Space and Major Disasters”, in *Geoinformation. Law and practice* (2014), 114-45.
- “Federal *versus* State: Private Commercial Spaceflight Operator Immunity Regulation in the United States”, in *Proceedings of the International Institute of Space Law 2013* (2014), 517-28.
- Various book reviews, conference reports, forewords, published lecture notes and project reports.

## Presentations, chairmanships and guest lectures

Presentations and chairmanships at international conferences, workshops and seminars: Malaga (1989); San José de Costa Rica (1990); Dresden (1990); Taipei (1991); Montreal (1991); Paris (1991); Washington (1992); Taipei (1992); Graz (1993); Bangkok (1994); Jerusalem (1994); Cologne (1995); Oslo (1995); Vilnius (1995); Delhi (1996); Rome (1997); Vienna (1997); Buenos Aires (1997); Torino (1997); Moscow (1997); Melbourne (1998); Brussels (1998); London (1999); Perugia (1999); Cosenza (1999); Oberpfaffenhofen (1999); Vienna (1999); Enschede (1999); Amsterdam (1999); Brussels (1999); Oegstgeest (1999); Shanghai (1999); Sevilla (2000); Geneva (2000); Hydra (2000); Madrid (2000); Berlin (2000); Moscow (2000); Leiden (2000); Ljubljana (2000); Brussels (2000); Amsterdam (2000); Rio de Janeiro (2000); Munich (2000); Singapore (2001); Darmstadt (2001); Vienna (2001); Cologne (2001); Brussels (2001); Toulouse (2001); Cancun (2001); London (2001); Nice (2001); Paris (2002); Brussels (2002); Delhi (2002); Copenhagen (2002); Brussels (2002); Moscow (2002); Rotterdam (2002); Utrecht (2002); New York (2002); Houston (2002); The Hague (2002); Toulouse (2002); Brussels (2002); Paris (2003); Vienna (2003); Graz (2003); Macerata (2003); Noordwijk (2003); Bremen (2003); Daejeon (2003); Seosan City (2003); Berlin (2004); Paris (2004); Leiden (2004); Beijing (2004); Seoul (2004); Vancouver (2004); Rio de Janeiro (2004); Brussels (2005); Paris (2005); Riyadh (2005); Bangalore (2005); Fukuoka (2005); Hanoi (2005); Seoul (2005); Abuja (2005); Paris (2006); Graz (2006); Lissabon (2006); Montreal (2006); Noordwijk (2006); Brussels (2006); Graz (2006); Valencia (2006); Kyiv (2006); Lincoln (2007); Washington (2007); Genoa (2007); Paris (2007); Strasbourg (2007); Berlin (2007); Hyderabad (2007); Vienna (2007); Teheran (2007); Vienna (2008); Cologne (2008); Vienna (2008); Guanacaste (2008); Lincoln (2008); Los Angeles (2008); Glasgow (2008); Omaha (2008); Washington (2008); Washington (2008); Paris (2008); Lincoln (2009); Granada (2009); Paris (2009); Vienna (2009); Daejeon (2009); Seoul (2009); New York [by telecon] (2009); Omaha (2009); Mexico City (2009); Washington (2009); Paris (2010); Vienna (2010); The Hague (2010); Lincoln (2010); Washington [by Skype] (2010); Prague (2010); Chicheley Hall (2010); Omaha [by Skype] (2010); Washington (2011); Paris (2011); Lincoln (2011); Bucharest (2011); Arcachon (2011); Cape Town (2011); Omaha (2011); Tokyo (2012); Paris (2012); Vienna (2012); Lincoln (2012); Amsterdam (2012); Napoli (2012); Washington (2012); New York (2012); Buenos Aires (2012); Brussels (2012); Carmen del Playa [by Skype] (2013); Paris (2013); Geneva (2013); Washington (2013); Lincoln (2013); The Hague (2013); Beijing (2013); New York (2013); Washington (2013); Washington (2014); Washington (2014); Omaha (2014); Paris (2014); Vienna (2014); Lincoln [by AdobeConnect] (2014); Luxembourg (2014).

Guest lectures at foreign universities or other academic institutions: Universidad Nacional de Mar del Plata (1991, 1995); Research Group on Space Utilization and Space Policy, Tokyo (1991); Indonesian Centre for Air and Space Law, Bandung (1991); National Institute of Public Administration, Kuala Lumpur (1991); Università di Messina (1992); Universidad de Granada (1994); Università degli Studi, Padova (1995, 1996, 1998, 2000, 2001, 2002, 2003, 2006, 2007, 2010, 2011); University of Aberdeen (1995); University of Lapland, Rovaniemi (1997); Université de Bretagne Occidentale, Brest (1998); Université de Genève (1999); Universidad de Vale do Paraiba (UNIVAP), São José dos Campos (2000); Université de Nice-Sophia Antipolis (2001); University of Miami (2001); Université de La Rochelle (2002); Universität Köln (2003); Katholieke Universiteit Leuven (2003); University of Mississippi [over the Internet from Daejeon] (2003); Karl-Franzens Universität Graz (2004); Brazilian Society for Air and Space

Law, Rio de Janeiro (2004); Universidad Nova de Lisboa (2005, 2009); Università di Perugia (2005); Technische Universität Braunschweig (2006); University of Nebraska-Lincoln (2007); Università degli Studi, Genova (2008); Creighton University, Omaha (2009, 2010, 2011, 2012); Universiteit van de Nederlandse Antillen (2009); Korea Aerospace University (2009); Beihang University, Beijing (2010); Northwestern University, Chicago (2011); University of Tokyo (2012); University of Wisconsin-Madison (2012); Pontificia Universidad Católica Argentina, Buenos Aires (2012); Xi'an Jiaotong University (2013); Université de Luxembourg (2013).

Guest lectures at Dutch institutions: Institute of Social Studies (ISS) (1987, 1988); Rijksopleidings Instituut Ministerie van Binnenlandse Zaken (1988); Instituut Clingendael (1993-1999); Instituut Defensie Leergangen (IDL) (1994-1998); University of Amsterdam (1996, 1997); Netherlands Industrial Space Organisation (NISO) (1996); Netherlands Aerospace Group (NAG) (1996); Association des Etats Généraux des Etudiants de l'Europe (AEGEE) (1997); Rotarians Leiden (1998); Maastricht School of Management (MSM) (1998, 1999); Netherlands' Aviation Academy (NAA)(1999); NewKnowledgeClub Rotterdam (2003); Kennisfestival Zuid-Holland (2003); Technical University Delft (2004, 2005, 2006, 2007); ESTEC Noordwijk (2006); Rijksmuseum (2006); Leiden University (2008, 2009); Leids Juristen Genootschap (2008); Rotarians The Hague (2008).

Various lectures for student debating societies.

## **Editing activities**

Member Editorial Staff, *Leiden Journal of International Law*, 1987-1996.

Member International Editorial Board, *Space Policy*, 2004- .

Contributing Editor, *European Journal of Navigation*, 2005-2006.

Series Editor, *Studies in Space Law*, 2006- .

Peer reviewer, *Space and Defense*, 2008-2011.

Editor, *The Implications of the CEC Green Paper on Satellite Communications in Europe*, Proceedings of the First Dutch NPOC/ECSL Workshop, Noordwijk (1991).

Assistant-editor, *Air and Space Law: De Lege Ferenda*, Essays in honour of Henri A. Wassenbergh (1992).

Editor, *New Opportunities for Cooperation in European Space Activities*, Proceedings of the Second Dutch NPOC/ECSL Workshop, Noordwijk (1993).

Editor, *Recent Developments in the Field of Protection and Distribution of Remote Sensing Data*, Proceedings of the Third Dutch NPOC/ECSL Workshop, Noordwijk (1994).

Co-editor, *Regulation of the Global Navigation Satellite System (GNSS)*, Proceedings of the Conference on Regulation of the Global Navigation Satellite System (GNSS), Noordwijk (1997).

Co-editor, *Deregulation and Regulation of the European 'Airscape'*, Proceedings of the Seminar on Deregulation and Regulation of the European 'Airscape', Frankfurt (1997).

Editor, *The International Space Station – Commercial Utilisation From A European Legal Perspective*, Leiden (2006) (Co-editor: M.M.T.A. Brus).

Editor, *National Space Legislation in Europe – Issues of Authorisation of Private Space Activities in the Light of Developments in European Space Cooperation*, Leiden (2011).

## **Organisation of conferences and workshops**

Presentation of the First Issue of the *Leiden Journal of International Law* by Mr. M. van der Stoel, Leiden (1988).

First Dutch NPOC/ECSL Workshop, on “The Implications of the CEC Green Paper on Satellite Communications in Europe”, Noordwijk (1991).

International Conference on the Law, Policy, and Commerce of International Air Transport and Space Activities, on “The Highways of Air and Outer Space Over Asia”, Taipei (1991).

Second Dutch NPOC/ECSL Workshop, on “New Opportunities for Cooperation in European Space Activities”, Noordwijk (1993).

Third Dutch NPOC/ECSL Workshop, on “Recent Developments in the Field of Protection and Distribution of Remote Sensing Data”, Noordwijk (1994).

Fourth Dutch NPOC/ECSL Workshop, on “The Need for Regulation of Private National Space Activities”, Noordwijk (1995).

Seminar on “Deregulation and Regulation of the European ‘Airscape’”, in co-operation with the Europäische Rechtsakademie (ERA, Trier), Frankfurt (1996).

Fifth “ECSL Summer Course on Space Law and Policy”, in co-operation with the European Centre for Space Law (ECSL, Paris), Leiden (1996).

Conference on “Regulation of Global Navigation Satellite Systems”, in co-operation with the European Commission, ESA/ESTEC and Eurocontrol, Noordwijk (1996).

*(Organisation of conferences and workshops-ctd)*

- Conference on “Air and Space Law”, in co-operation with the Asociación Latino Americana de Derecho Aeronáutica y Espacial (ALADA), Buenos Aires (1997).
- Meeting Attorneys Commenting on Aviation Working Group, on the forthcoming UNIDROIT draft convention on securities and mobile assets and the aviation protocol, Leiden (2000).
- EOPOLE Workshop, on “Legal and New Opportunities Issues [regarding earth observation data policy issues in Europe]”, Leiden (2000).
- Session IBA Conference, on “Global Navigation Satellite Systems: new challenges and opportunities”, Amsterdam (2000).
- Post-Academic Seminar, on “Financing of, and securities in aircraft and satellites”, Leiden (2000).
- Session IBA Conference, on “UNIDROIT’s draft convention on international interests in mobile equipment”, Cancun (2001).
- First UN/IIASL Workshop on Space Law Capacity Building, The Hague (2002).
- ECSL Practitioners’ Forum on Galileo, Legal and Institutional Aspects, Paris (2003).
- IISL/ECSL Symposium on Reinforcing the Registration Convention, Vienna (2003).
- Second UN Workshop on Space Law Capacity Building, Daejeon (2003).
- ECSL Practitioners’ Forum on New Developments in Earth Observation and Data Policy, Paris (2004).
- Symposium on Legal Aspects of Commercial Utilisation of the International Space Station (ISS) – A Dutch Example, Noordwijk (2004).
- IISL/ECSL Symposium on New developments and the legal framework covering the exploitation of the resources of the moon, Vienna (2004).
- ECSL Practitioners’ Forum on New Developments in (Satellite) Communications, Paris (2005).
- Second Asian Space Conference, Hanoi (2005).
- ECSL Practitioners’ Forum on Space Tourism – Legal and Policy Aspects, Paris (2006).
- ECSL Practitioners’ Forum on Recent developments within the European space industry: legal aspects, Paris (2007).
- ECSL Practitioners’ Forum on National space legislation in Europe – Issues of authorisation in the light of developments in European space cooperation, Paris (2008).
- UNL Conference “Space & Telecommunications Law & Policy: Looking Back at the Past Eight Years, Looking Toward the Next Four”, Washington (2008).
- Conference on Near-Earth Objects: Risks, Responses and Opportunities – Legal Aspects, Lincoln (2009).
- 2<sup>nd</sup> UNL Annual Space and Telecom Law, Conference, Washington (2009).
- ECSL Practitioners’ Forum on Galileo: Current Legal Issues, Paris (2010).
- ISPRS/ESPI/IAA/IISL Conference “Current legal issues for satellite Earth observation”, Vienna (2010).
- Conference on Space Security and Space Tourism: Challenges to and Transatlantic Perspectives on Governance, Lincoln (2010).
- ISPRS Technical Committee VIII Symposium, Policy session, Kyoto (2010).
- ECSL Practitioners’ Forum on Manned Spaceflight Safety Issues: Legal & Policy Aspects, Paris (2011).
- 5th Annual Space Law Conference, Lincoln (2011).
- 2<sup>nd</sup> IAA Planetary Defence Conference, Bucharest (2011).
- ECSL Practitioners’ Forum on Insurance of space activities from the cradle to the grave – Legal Aspects, Paris (2012).

*(Organisation of conferences and workshops-ctd)*

6<sup>th</sup> Annual Space Law Conference, Lincoln (2012).

ECSL Practitioners' Forum on Registration of Satellites – Legal Aspects and Practice, Paris (2013).

7<sup>th</sup> Annual Space Law Conference, Lincoln (2013).

ECSL Practitioners' Forum on Recent Developments in Export Control Regulations on Space Technology, Paris (2014).

## **Other activities connected with profession**

- Co-founder and Chairman Preparatory Committee, *Leiden Journal of International Law*, 1987.
- Coach of moot court teams, 1988- .
- Writer of moot court cases, 1990- .
- Author (with Prof. Dr. P.H. Kooijmans) of a report for the Commissioner of External Relations, Commission of the European Communities, on “The European Communities and the Unification of Germany”, 1990.
- Author (with Prof. Dr. P.H. Kooijmans) of a report for the Commissioner of External Relations, Commission of the European Communities, on “The European Communities and the Conference on Security and Cooperation in Europe”, 1990.
- Author of a report for the Commission of the European Communities, Commissioner of External Relations, on “The European Communities and the Intergovernmental Conference(s)”, 1990.
- Founder and Co-ordinator Netherlands’ National Point of Contact, European Centre for Space Law, 1990-2008.
- Member of the Organisation Committee of the T.M.C. Asser International Law Moot Court Competition, 1991-2000.
- Member of the National Contact Group ITU-regulatory affairs (NCGI), Ministry of Transport, Public Works and Water Management of The Netherlands, 1994-2000.
- Board Member, European Centre for Space Law (ECSL), Paris, 1997- .
- Member for the Netherlands, Committee on Space Law, International Law Association (ILA), London, 1997- .
- Legal Adviser to the Dutch Government on United Nations space law and policy issues, 1997- .
- Rapporteur Working Group on Legal/Institutional Issues Regarding GNSS, Commission of the European Union, 1998.
- Legal Adviser to the OECD Megascience Forum on radio astronomy-related legal and policy issues, 1998-1999.
- Legal Expert, European Community Concerted Action project on earth observation data policy in Europe (EOPOLE), University College of London, London, 1998-2000.
- Legal Adviser to the German space agency (DLR) on national space legislation, 1999.
- Member, International Policy Advisory Committee (IPAC), International Society for Photogrammetry and Remote Sensing (ISPRS), 1999- .
- Director and Treasurer/Public Relations, International Institute of Space Law (IISL), Paris, 2000- .
- Member, Working Group on Legal Issues regarding GALILEO, Commission of the European Union, 2000-2001.
- Legal Task Manager, European Union Project GALILEI, Commission of the European Union, 2001-2003.
- Legal Adviser to the Dutch government on national space legislation, 2001- .
- Legal Adviser to the Organisation on Economic Co-operation and Development (OECD) on commercialisation and privatisation of space activities, 2002-2005.
- Member of the Dutch Delegation, Legal Subcommittee, UN Committee on the Peaceful Uses of Outer Space, Vienna, 2003.
- ECSL Observer, First Governmental Session on the UNIDROIT Space Assets Protocol, Rome, 2003.
- Legal Expert, Project for a European Radio Navigation Plan (ERNP), Commission of the European Union, 2003-2004.



*(Other activities connected with profession-ctd)*

- Legal Expert, Advantis Project for a Centralised Guaranteed Integrity Localisation Service, Commission of the European Union, 2004.
- Legal Expert, GMES Organisation and System Integration Scenarios, Commission of the European Union, 2005-2006.
- Legal Expert, GIANT Project (GNSS introduction into the aviation sector), Galileo Joint Undertaking, 2005-2007.
- Legal Expert, GRAIL Project (GNSS introduction into the rail sector), Galileo Joint Undertaking, 2005-2007.
- Legal Expert, AGILE Project (GNSS introduction into the Location-Based Services markets), Galileo Joint Undertaking, 2005-2007.
- Member of the Advisory Board, Project on Satellite monitoring as a legal compliance tool in the environmental sector, University College of London (UCL), London, 2005-2008.
- Legal Expert, HARMLESS Project (GNSS introduction into humanitarian aid, emergency management and law enforcement user applications), Galileo Joint Undertaking, 2006-2007.
- Legal Expert, Impact Assessment Relating to the Economic and Governance Evolution of Space in Europe, Risk & Policy Analysis, 2006-2007.
- Legal Expert, Project on GMES Payload Data Ground Segment Security, Logica, 2008-2009.
- Member of the Panel on Near-Earth Objects with respect to the Study on legal aspects of international responsive action against Near-Earth Objects (NEOs), Association of Space Explorers (ASE), 2008-2009.
- Member of the EU Expert group on GNSS liability, European Commission/Roland Berger, 2009.
- Member of the Advisory Board, Project on Smart Enforcement in Environmental Legal Systems: A Socio-Legal Analysis of Regulatory Satellite Monitoring in Australia, Economic and Social Research Council (ESRC)/University College of London (UCL), 2009-2010.
- Legal Expert, Advisory Group on optional rules for arbitration of disputes relating to Outer Space, Permanent Court of Arbitration (PCA), 2009-2011.
- Legal Expert on GNSS-based tracing and tracking for the transport of dangerous goods, European Commission/VVA, 2010-2011.
- Legal Expert on the Legal Framework for Space Activities within Europe, European Commission, 2012.
- Legal Expert, Detection, Evaluation and Characterisation of Threats to Road Applications, European GNSS Supervisory Authority (GSA)/Nottingham Scientific Limited (NSL), 2012-2013.
- Legal Advisor on the Curacao Aerospace Ordinance, Government of Curacao, 2012-2013.
- Legal Expert, Caribbean Large Maritime Ecosystem Data Policy, UNESCO/P. Geerders Consultancy, 2012-2013.
- Ethics Evaluator, FP7 Space Program, European Commission, 2013.
- Newspaper, magazine, radio, television and Internet interviews (Netherlands, Argentina, Australia, Austria, Canada, Denmark, France, Germany, India, Italy, Japan, Romania, Russia, Spain, Sweden, Switzerland, Ukraine, United Kingdom, United States a.o.).

## **Memberships**

Netherlands' Society for International Law (NVIR), The Hague  
American Branch of the International Law Association (ABILA), New York  
International Law Association (ILA), London  
European Centre for Space Law (ECSL), Paris (Board Member)  
International Institute of Space Law (IISL) of the International Astronautical Federation (IAF),  
Paris (Director)  
American Institute of Aeronautics and Astronautics (AIAA), Washington (Senior Member)  
Centro de Investigacion y Difusion Aeronautico-Espacial (CIDA-E), Montevideo  
(Corresponding Member)  
International Academy of Astronautics (IAA), Paris  
European Space Sciences Committee (ESSC) of the European Science Foundation (ESF),  
Strasbourg  
European Space Policy Research and Academic Network (ESPRAN) of the European Space  
Policy Institute (ESPI), Vienna  
International Policy Advisory Committee (IPAC), International Society of Photogrammetry  
and Remote Sensing (ISPRS)