

Leiden IIASL
International Air Law
Conference on
AVIATION CYBERSECURITY
11 May 2023

*Leiden University,
Academy Building Great Auditorium
Rapenburg 67 - 73
2311 GJ Leiden
The Netherlands*



**Universiteit
Leiden**
The Netherlands



09:00 – 09:25	REGISTRATION
09:30 – 10:00	Welcome Steven Truxal <i>Professor of Air and Space Law & Director of the IIASL, Leiden University</i> Mark Harbers [video message] <i>Minister of Infrastructure and Water Management</i> Henri van Faassen <i>Director of Civil Aviation, Ministry of Infrastructure and Water Management</i> Stefaan Van den Bogaert <i>Director of Research & Acting Dean, Leiden Law School, Leiden University</i>
10:00 – 10:30	Keynote I ‘Cyber Threat Landscape in Relation to Critical Infrastructure’ Inge Bryan <i>Managing Director, Fox-IT</i>
10:30 – 11:15	An Introduction to Risks and Opportunities Benjamyn I. Scott (chair) <i>Assistant Professor (IIASL & eLaw), Leiden University</i> Henning Lahmann <i>Assistant Professor (eLaw), Leiden University</i> Shanise Abhelakh <i>Senior Security Manager Cyber, KLM Royal Dutch Airlines</i> Bram van Altena <i>Director KL CISO, KLM Royal Dutch Airlines</i>
11:15 – 11:45	TEA & COFFEE in the Academy Building
11:45 – 12:15	Keynote II ‘International Air Law Tools for Dealing with Cyberattacks against Civil Aviation’ Andrew Opolot <i>Legal Officer, Legal Affairs and External Relations Bureau, ICAO</i>
12:15 – 13:00	Liability Pablo Mendes de Leon (chair) <i>Professor emeritus Air and Space Law, Leiden University</i> Anna Konert <i>Dean of Faculty of Law & Administration, Lazarski University</i> Laura Pierallini <i>Name Partner, Studio Pierallini</i> Cyril-Igor Grigorieff <i>Founder, Tolly</i>

- 13:00 – 14:15 **L U N C H in the Faculty Club**
- 14:15 – 15:15 **Approaches beyond Europe**
Vincent Correia (chair)
Professor of Public Law, Université Paris-Saclay
Vikrant Pachnanda
Partner, Fox & Mandal
Otsetswe Keletso Koboyankwe
Corporate Secretary & General Legal Counsel, Civil Aviation Authority of Botswana
Olga Lucía Ramírez Duarte
Partner, DLA Piper Martinez Beltrán
- 15:15 – 15:45 **T E A & C O F F E E in the Academy Building**
- 15:45 – 16:45 **Stakeholders' Perspectives**
Steven Truxal (chair)
Professor of Air and Space Law, Leiden University
Máté Gergely
Aviation Security Officer, European Commission (DG MOVE)
Isabelle Lelieur
Founding Partner, Lelieur Avocat
Jan Pieter Heijstek
Military Aviation Authority, Ministry of Defence
Kyveli Bossenbroek
Corporate Legal Counsel, KLM Royal Dutch Airlines
- 16:45 – 17:15 **Keynote III**
‘What a Tangled Web We Weave: Aviation Prosperity, Cybersecurity Risk’
Marc A. Nichols
Chief Counsel, U.S. Federal Aviation Administration
- 17:15 – 17:25 **Closing Remarks**
Steven Truxal
Professor of Air and Space Law & Director of the IIASL, Leiden University
- 17:30 – 19:00 **R E C E P T I O N in the Stadhuis / Leiden Town Hall**
Stadhuisplein 1, 2311 EJ Leiden



Speakers and Panel Members



Steven Truxal is the Professor of Air and Space Law and Director of the International Institute of Air and Space Law at Leiden University. Before taking over the Leiden Chair in December 2020, Steven was Reader in Air Law and Associate Dean (International) at City, University of London, and before that he served as Visiting Professor and Dean of Studies at the Centre for British Studies, Humboldt University of Berlin. Steven completed the LL.M. in International Commercial Law and a Ph.D. in Air Transport Competition Law in London. Prior to pursuing his career in academia, Steven has held positions with Deutsche Lufthansa AG and the U.S. Department of Commerce.



Mark Harbers is Minister of Infrastructure and Water Management. Since 1999, he has been politically active in the People's Party for Freedom and Democracy (VVD). Mark studied Economics at the Erasmus University Rotterdam, and in 2002, he became a municipal councilor in Rotterdam and in 2006, the party chairman. He then went to work as Alderman for Economy, Ports and the Environment In 2009. Mark became a Member of Parliament and has had various roles, such as financial representative of the political group and State Secretary for Asylum and Migration in the Rutte III cabinet.



Henri van Faassen currently works as a co-director of Public Health alongside Ciska Scheidel and has been director of Administrative Support and Advice at the Ministry of Education, Culture and Science since 2017. There he has also been involved in the Covid-19 crisis organization since February. Before that, he worked at the Ministry of Economic Affairs as deputy director of Animal Agro-chains and Animal Welfare. He previously held various managerial positions at the Ministry of Education, Culture and Science. Henri van Faassen studied Dutch Law at Erasmus University Rotterdam and Business Administration at the Open University.



Stefaan Van den Bogaert is the Vice-Dean of Leiden Law School and Director of Research; he serves as Acting Dean while Prof.dr. Joanne van der Leun is on research sabbatical. He has been Professor of European Law and Director of the Europa Institute at Leiden University since 2009. Stefaan studied law at the Catholic University of Leuven, completed the Erasmus programme Social Security in Europe at the University of Osnabrück, and holds an LL.M. in European and Commercial Law from the University of Cambridge. In 2003, he obtained a Ph.D. at the European University Institute in Florence.



Inge Bryan, CEO of Fox-IT, is a trusted advisor to boards and policymakers. Her career spans two decades of intelligence and criminal investigations, mainly tech and data related. She has vast experience in leading investigations, leading change in organizations and managing crises. She is intimately familiar with all sides of cybercrime, espionage and warfare. After leaving law enforcement in 2016, she has led cyber security programs in large organizations primarily in the public sector and critical infrastructure. Inge Bryan spends her free time as: Royal Dutch Society, Board member - Global Forum on Cyber Expertise, Secretary/board member - Clingendael Institute, Supervisory board member - National Archives, Advisory board member - Police Academy, Advisory board member - Leiden University, Advisory board member - Anti-Abuse Network, chair.



Benjamyn I. Scott is an Assistant Professor at the Institute of Air and Space Law, and at eLaw – Center for Law and Digital Technologies at Leiden University. His research focuses on developing and emerging technologies in aviation. He primarily investigates legal and policy issues involving unmanned aircraft systems, innovative air mobility (incl. societal acceptance), cybersecurity and artificial intelligence. Benjamyn's major outputs include his books titled: Aviation Cybersecurity: Regulatory Approach in the European Union (Eleven, 2019); Fundamentals of International Aviation Law and Policy (Routledge, 2020); and The Law of Unmanned Aircraft Systems (Wolters Kluwer, Second Edition, 2022). Finally, he is on the Board of Editors for the following Journals: Air & Space Law, The Aviation & Space Journal, and ICUAS eMagazine.



Henning Lahmann is an Assistant Professor at the Center for Law and Digital Technologies at Leiden Law School, the Netherlands. Previously, he was Hauser Global Postdoctoral Fellow at NYU Law School, an associate research fellow at the Geneva Academy of International Humanitarian Law and Human Rights, and Program Leader International Cyber Law at the Digital Society Institute at the ESMT Berlin. He works at the intersection of digital technologies and international law, particularly focusing on open-source investigations and their impact on international legal discourse, disinformation and platform regulation, the legal implications of AI in security, and human rights in the digital society.



Shanise Abhelakh is Senior Security Manager Cyber with over five years of experience in aviation security risk management and GDPR-compliance. Effective security risk management requires a comprehensive approach that addresses all potential threats, including cyber threats. Cybersecurity is a critical component of that approach, as digital assets are increasingly targeted by attackers to exploit vulnerabilities and gain unauthorized access. Before joining KLM, she worked for the Dutch Ministry of the Interior and Kingdom Relations. She got her Master in Business Information Management and Bachelor Business Administration from Erasmus University. Her master thesis researched the use of mobile application to detect unusual bank transaction with AI.



Bram van Altena started his career in 1993 in the IT and have learned the many aspects of the IT. He started at KLM 23 years ago, and during that time he held various management positions in different technical IT areas. Security was always a common thread in his functions. As of September 2021, Bram van Altena is the Chief Information Security Officer of KLM Royal Dutch Airlines. Together with the Air France – KLM CISO team responsible for the Compliance & Information Assurance, Communication & Awareness, and the Cyber Threat Hunting, to ensure that the IT for the enterprise is adequately protected and to reduce the (IT) risk.



Andrew Opolot is a legal officer at Legal Affairs and External Relations Bureau of ICAO. He joined the Legal Affairs and External Relations Bureau in 2011 as its first legal professional ever from Africa. He handles various portfolios on ICAO's work in the legal field. Prior to joining ICAO, he worked for over 10 years as chief legal adviser for the national civil aviation administrations of Botswana and Uganda. He is an instructor for the International Air Law Course under ICAO's TRAINAIR PLUS Programme. Andrew graduated with a Bachelor of Laws degree from Makerere University Kampala, Uganda and admitted to the Ugandan bar. He studied aviation law and management at the Florida Institute of Technology, Melbourne, USA and obtained an LL.M. in Air and Space Law from Leiden University.



Pablo Mendes de Leon maintains a vast range of memberships in organisations that work to combine law and practice of aviation law and policy. He is Emeritus Professor of air and space law, Leiden University, visiting and guest professor of air law at various universities in Europe and worldwide, at the Northwest University of Politics and Law, Xi'An, and the Nanjing University of Aeronautics and Astronautics, Nanjing, China, President of EALA, Member of the Global Council of CANSO, Member of the Panel of Experts, Shanghai International Economic and Trade Arbitration Commission, Member of the Transport Chamber of the Arbitration Center of Russian Union of Industrialists and Entrepreneurs (RSPP), Member of the Advisory committee of the Korea Institute of Air & Space Law, Hanul Professional Law Corp., Member of the Expert Group, of the Dutch Safety Board, The Hague, Board Member of the KLM-Air France foundation, judge ad hoc at the District Court of Haarlem, Membre titulaire de l'académie de l'air et de l'espace, Toulouse, France, a Board Member of the magazines Air and Space Law, Journal of Air Law and Commerce and the Italian ANIA Insurance Newsletter and the Director of the Series of Publications in International Aviation law and Policy with Kluwer Law International.



Anna Konert is Professor of Aviation Law, Attorney-at-law, Dean of the Faculty of Law and Administration, Director of the LL.M. in Air Law, Director of LLB in Aviation Law and Professional Pilot Licence, Director of the Institute of Air and Space Law at Lazarski University in Warsaw, Director of the Lazarski Aviation Academy, Member of the Committee of European Air Law Association, member of EASA legal advisors working group for drones regulations and a former lawyer for Air France in its New York office.



Laura Pierallini is the founder and name partner of the Italian aviation law firm Pierallini Studio Legale. She is a professor of commercial law and air law at the LUISS University of Rome. Laura has practised aviation law since 1988, she has recently advised the most important M&A transactions in the aviation sector, including the sale to the newly established flag Italian carrier of the Alitalia aviation business. Laura was recognised Thought Leader in the aviation section of Thought Leaders – Global Elite (2018-2023) and is recommended as a leading lawyer in the regulatory, contentious and finance sub-chapters of the aviation section of WWL: Transport. She was named Best Aviation Lawyer for Italy at the 2022 Client Choice Awards and has been consistently shortlisted for Best Aviation Lawyer at the Europe Women in Business Law Awards. She is a committee member of Aviation Law Committee of IBA, committee member of the European Air Law Association, member of the International Aviation Women's Association and committee member.



Cyril-Igor Grigorieff has been a member of the Brussels Bar since 2006 and is a former member of the Paris Bar. He gained experience in matters relating to airline liability in a multi-jurisdictional environment, in European Union regulatory affairs and in aircraft finance in various international law firms. He teaches aviation law at Paris-Saclay University, ENAC (Toulouse) and the Haute Ecole Galilée (Brussels). He is the author of around 40 publications in the field of air law. Notably, he has been one of the named authors in the Belgian Transportation Code since 2010 (*Code Annoté du Droit des Transports*, Larcier), the co-editor of the first law book in French on aircraft finance (*Le droit du financement des aéronefs*, Bruylant, 2017), and the author of a doctoral study at Leiden on the uniformity of the 1999 Montreal Convention.



Vincent Correia is Full Professor of Law since 2014. His current research focuses on the study of the interactions between international air law and national and regional legislations, from a multi-level perspective. He is currently Professor of Public Law at the University of Paris-Saclay (France). He has been a Visiting Professor at Leiden University for almost a decade and intervened as a guest lecturer at several Universities throughout the world. He is fluent in French, English and Spanish. He is co-editor of the *Revue Française de Droit Aérien et Spatial* and member of the boards of editors of the *Aviation and Space Journal* and the *Air & Space Law journals*. He is member of the boards of the European Air Law Association and of the *Société Française de Droit Aérien et Spatial*. In recent years, he also collaborated with several Governments, airlines, aircraft manufacturers and law firms as a consultant.



Vikrant Pachnanda is a Partner at Fox and Mandal LLP, one of India's oldest law firms, having pursued his B.A. LL.B (Hons.) from Gujarat National Law University, Gandhinagar (GNLU), LL.M. from Cornell Law School and Advanced LL.M. in Air and Space Law from the IIASL at Leiden University. Further he is also a practicing Advocate-on-Record before the Supreme Court of India. He has authored a book entitled "A Guide to India's Aviation Law" and edited a book entitled "Aircraft Leasing and Financing" amongst authoring/editing other publications. He presently judges both the National and International Rounds of the Leiden-Sarin International Air Law Moot. Vikrant advises stakeholders in the aviation industry on several aviation related issues. He currently also teaches as Resource Person at the GNLU Academy of Air and Space Law, India apart from delivering lectures on aviation law at several other law schools.



Otsetswe Keletso Koboyankwe holds a Bachelor of Laws from the University of Botswana, an LL.M. in Rule of Law for Development from Loyola University Chicago, as well as Advanced LL.M. in Air and Space Law from Leiden University. She also holds a Certificate in International Air Law from the University of Geneva in association with IATA. She has undertaken Civil Aviation Management Programme from the Singapore Aviation Academy and Aviation Leaders Programme in Policy from the Lee Kuan Yew School of Policy Singapore. She represents CAAB at both regional and international aviation bodies, ICAO Legal Committee, AFCAC Legal Committee the interim SADC Aviation Safety Organization (iSASO), (ICAO) Taskforce on Article 21 of the Convention on Civil Aviation, member of the Global Aviation Safety Oversight System Steering Committee (GASOS – SC). She also chairs the CAAB Legislative Review Committee.



Olga Lucía Ramírez Duarte is a Partner in the Infrastructure, Projects and Public Law area of DLA Piper Martínez Beltrán. She has 16 years of experience in management positions in the private and public sectors and is an expert in aeronautical, airport, infrastructure and public policy issues. She has led major projects, both in the private sector and as a government official, serving as director of infrastructure and then as deputy minister of infrastructure of the Ministry of Transportation for about 3 years. Olga is an alumna of Leiden's Advanced LL.M. Air and Space Law programme.



Máté Gergely is an expert in international air law and policy. He received a law degree from ELTE University, Budapest and started his career in a law firm in Budapest, where he worked on the implementation of EU aviation law in view of Hungary's accession to the European Union. Máté then continued his career as advisor in the Prime Minister's Office and in the Cabinet of the Minister of Transport before moving on to be legal counsel at Malév, the national airline of Hungary. In 2003, he joined the European Commission's Directorate-General for Transport, now DG MOVE. In 2010, he returned to his home country to serve as Director General of Civil Aviation. Between 2012 and 2018, he worked again in DG MOVE in international aviation relations. From 2018 to 2020 Máté was a senior expert in economic regulation at ICAO. Since 2020, he has worked in the Aviation Security Unit of DG MOVE as secretary to the EU Aviation Security Committee, and dealing with international relations and cybersecurity.



Isabelle Lelieur is the founding partner of the firm Lelieur Avocat. She was previously a partner lawyer for Chevrier Avocats law firm for 3 years. She also headed for 10 years the legal department of VINCI Airports. Before that, Isabelle was the head of the legal department of the French Airport Association. She also held positions with the European Commission and with Air France's international affairs department. Since 2017, she is also a Senior Associate Business Law & Policy for Aviation Strategies International. She has an undergraduate law degree from Toulouse Law University and a Master's degree from the Air Transport Training and Research Institute (IFURTA) of Aix-Marseille University. She also holds a graduate degree (LL.M.) from the IASL, McGill. She is admitted to Paris Bar. Isabelle is AMPAP accredited and has a certificate in aircraft financing and leasing. Isabelle lectures in Paris I, Toulouse I and Aix-Marseille as well as in Leiden (IIASL) and Djibouti universities.



Jan Pieter Heijstek started working at the legal department the Dutch Military Aviation Authority (MAA) after graduating the Air and Space Law masters in Leiden in 2021. The legal department, consisting of 4 lawyers, is responsible for advising the director of the MAA, who on his turn is acting on behalf of the Minister of Defence regarding the legal obligations regarding the Dutch Aviation act and other military aviation legislation. In his role as air lawyer, Jan Pieter is responsible for the wide range of legal aviation matters for the MAA, ranging from (military) ATM policy, environmental complaints and the legal issues arising from them, closure of airspace, access to the airspace for foreign state aircraft etc.



Kyveli Bossenbroek is Corporate Legal Counsel at KLM. Prior to joining KLM, she was an attorney at Van Traa Advocaten in Rotterdam where she advised airlines and insurers on a wide range of aviation legal and regulatory topics. She holds an advanced LL.M. in Air and Space Law from Leiden University as well as an LL.M. in Maritime and Transport Law from the Erasmus University. Before starting her legal studies she studied Aerospace Engineering at the Delft University of Technology (TU Delft).



Marc A. Nichols, as the FAA's Chief Counsel, provides legal advice for all aspects of agency operations and works closely with the Department of Transportation's Office of General Counsel on issues of national significance to the aviation industry. Marc A. Nichols most recently served as Executive Vice President, General Counsel and Corporate Secretary for Saab businesses in North America, and as the chief legal officer of the company in the United States and Canada. Prior to his tenure with Saab, he served as Director of Compliance & Global Legal Counsel at Rolls-Royce in its defence sector. He previously served as Inspector General at the U.S. Government Printing Office, worked for various law firms, and is the former vice chair of the Aerospace Industries Association Legal Committee. He is a graduate of the Washington and Lee University Law School in Virginia, and holds a B.A. from Wabash College in Indiana. In May 2018, Marc A. Nichols became only the second elected African American as well as the second LGBT president of the Wabash College Alumni Association in the college's 200-year existence.