



UNIVERSAL ARTIFICIAL INTELLIGENCE

LEVELLING THE PLAYING FIELD

Paris

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SPEAKERS

Alphabetical Order

YAS BANIFATEMI

Shearman & Sterling LLP, Partner and co-head of International Arbitration

Dr. Yas Banifatemi is a partner in and Co-Head of Shearman & Sterling's International Arbitration practice. She also leads the firm's Public International Law practice and co-heads the firm's Energy practice.

She is widely recognized as one of the most prominent international arbitration and public international law specialists worldwide. She advises and represents States, State-owned entities and companies on both public international law and international arbitration issues. She also acts as arbitrator.

Dr. Banifatemi is a Vice-President of the ICC International Court of Arbitration, a member of the LCIA Court of Arbitration and a member of the SIAC Court of Arbitration. She is also a member of the ICSID Panel of Arbitrators, appointed by the Chairman of ICSID's Administrative Council.

Dr. Banifatemi teaches at Harvard Law School, Yale Law School and Panthéon-Sorbonne University. In the summer of 2019, she gave a course at The Hague Academy of International Law on the powers of the arbitrator. She conducts research in the areas of public international law and international arbitration, and has authored numerous publications in and regularly speaks about both fields.

MOEZ CHAKCHOUK

UNESCO, Assistant Director-General for Communication and Information

Moez Chakchouk has served since May 2018 as Assistant Director-General for Communication and Information at UNESCO, where he is responsible for the Organization's programs on fostering freedom of expression and building inclusive knowledge societies.

From 2015 to 2018, Dr. Chakchouk was Chairman and CEO of the Tunisian Post, a leading institution for social and financial inclusion in Tunisia. In February 2011, after the Tunisian revolution, he was appointed Chairman and CEO of ATI (the former Tunisian Internet Agency), the leading internet operator in Tunisia since 1996. In 2015, he served as a member of the Global Commission on Internet Governance. He obtained an M.S. in Telecommunications and a Ph.D in telecommunications and applied mathematics in 2009 from Paris Descartes University, France.

Dr. Chakchouk is a strong defender of human rights online and offline, has led technological transformations in his country and beyond, and participated in numerous international forums and conferences.

ANNI CODEN

Boston Consulting Group, Partner and Associate Director

Dr. Anni Coden is a data science expert at Boston Consulting Group. She joined the firm in 2018, and is active in the Health Care and Corporate Finance & Strategy practices. Dr. Coden is an expert in machine learning, analytics, data exploration, and complex project management. She has developed novel algorithms for solving complex data analytics problems in a wide variety of subject areas, including fraud and anomaly detection, health care diagnostics, infrastructure capacity and utilization in Smarter Cities, and Big Data and human-machine cooperation.

Dr. Coden holds 23 patents in data analytics, data architectures, and algorithms and their applications. She also has over 40 publications in peer-reviewed journals and conferences. Before joining BCG, Dr. Coden was a principal research scientist at IBM and, before that, a research scientist at MIT, where she received a M.S. and a Ph.D.

MATHIEU COULAUD

Microsoft France, Head of Legal

Mathieu Coulaud joined Microsoft France's Legal Department in February 2017, after seven years at Syntec Numérique as Legal Director (in charge of internal affairs, coordination of the Legal Commission, the Cybersecurity Committee and the Sustainable Development Committee). Prior to that, Mr. Coulaud worked for twelve years in the music and entertainment industry as a legal manager.

Today, he mainly acts in contractual, commercial, regulatory and litigation matters for the clients of Microsoft's French subsidiary. Within these major themes, issues of digital law, personal data, private international law and public procurement law frequently arise.

Artificial intelligence is central to Mr. Coulaud's research and contributions.

Mr. Coulaud holds a Master 2 in Media Law from the University of Aix-Marseille. He is also a teacher at ESCP Europe and an associate researcher at the Centre d'études en Droit de l'immatériel de Paris Saclay and Paris I. Mr. Coulaud regularly collaborates with legal journals focusing on intellectual property (Daloz IP/IT, RLDI).

SYLVAIN DURANTON

Boston Consulting Group Gamma, Global Leader

Sylvain Duranton is the Global Leader of BCG GAMMA, a business unit dedicated to Data Science and Advanced Analytics applied to business. He manages a team of 800 data scientists, who collectively master all data analysis techniques (data science, data engineers, optimization, machine learning) and provide support to businesses in the field of AI.

Mr. Duranton joined BCG in 1993 and is also a member of the Marketing & Sales global leadership team, having previously been the co-founder of BCG pricing activity. He is passionate about applying AI and Advanced Analytics to business and has implemented over 50 custom-built AI & Analytics solutions for multiple companies, in different sectors across the globe.

Mr. Duranton has significant experience within the following areas: building a personalized pricing engine for a B2B distributor of electrical equipment; an AI-based budgeting process for an automotive industry player; an advanced pricing engine for a global chemical group; a routing optimization engine for a global shipping company; and a sales activation tool for a high-tech component manufacturer.

Mr. Duranton graduated from the famed French engineering schools Polytechnique (1991) and Mines Paris (1993) and additionally holds an M.B.A. degree from INSEAD (1996). He is also an executive board member at one of the largest French NGOs ("Aurore"), which aims to alleviate poverty and improve access to housing.

EMMANUEL GAILLARD

Shearman & Sterling, Partner; Visiting Professor of Law, Harvard Law School and Yale Law School

Professor Emmanuel Gaillard founded and heads Shearman & Sterling's 100-lawyer International Arbitration practice. He is also Global Head of the firm's Disputes Unit.

He advises and represents companies, States and State-owned entities in commercial and investment treaty arbitrations and is universally regarded as a leading authority and a star practitioner in both fields. He also acts as arbitrator and expert witness.

Over the course of his career, Professor Gaillard has acted in many of the cases that have marked the history of international arbitration. In addition to the USD 50 billion award secured for the majority shareholders of the former Yukos Oil Company, he acted in the ICC arbitration brought by The Dow Chemical Company against Petrochemical Industries Company of Kuwait, which led to a USD 2.47 billion award in favor of Dow Chemical.

A Professor of Law in France and a Visiting Professor of Law at Yale Law School and Harvard Law School, Professor Gaillard has written extensively on all aspects of arbitration law, in French and in English. Co-author of a leading treatise in the field (*Fouchard Gaillard Goldman On International Commercial Arbitration*), he authored the first published essay on the legal theory of international arbitration. The volume, originally published in French (*Aspects Philosophiques du droit de l'arbitrage international*), was subsequently published in English (*Legal Theory of International Arbitration*), as well as in Arabic, Chinese, Spanish and a number of other languages. He also co-authored, as expert acting for UNCITRAL, the *UNCITRAL Secretariat Guide on the New York Convention*, published in five official languages of the United Nations.

ANTOINE GARAPON

Magistrate and Writer

Born in 1952, Antoine Garapon, Ph.D, is Secretary-General of the Institut des Hautes Etudes sur la Justice (IHEJ). Prior to his appointment to the IHEJ, Dr. Garapon served as a juvenile judge for many years.

He is an editor for the journal *Esprit* and has written extensively. He wrote with Ioannis Papadopoulos *Juger en Amérique et en France: Culture juridique française et Common Law*, with a foreword by Justice Breyer. Dr. Garapon's most recent book (with Jean Lassègue) is *Justice digitale: Révolution graphique et rupture anthropologique* (Presses universitaires de France, 2018).

He also manages the collection *Bien commun* at Michalon Publishing Co. and has a weekly radio program on France Culture.

ANNA JOUBIN-BRET

United Nations Commission on International Trade Law (UNCITRAL), Secretary

Mrs. Anna Joubin-Bret is the Secretary of the United Nations Commission on International Trade Law and Director of the Division on International Trade Law in the Office of Legal Affairs of the United Nations. She has been appointed on 24 November 2017. Prior to her appointment, Mrs. Joubin-Bret was Attorney-at-law and practiced in Paris.

She specialized in International Investment Law and Investment Dispute Resolution. She focused on serving as counsel, arbitrator, mediator and conciliator in international investment disputes. She served as arbitrator in several ICSID, UNCITRAL and ICC disputes.

Prior to 2011 and for 15 years, Anna Joubin-Bret was the Senior Legal Adviser for the United Nations Conference on Trade and Development (UNCTAD). In this capacity, she managed the research and advisory work on international investment law issues as well as the technical assistance program on international investment agreements (IIAs).

During her tenure, she assisted countries and governments in the formulation of investment policies and frameworks and the management of investor-State disputes. Anna has edited and authored seminal research and publications on international investment law, notably the Sequels to UNCTAD IIA Series. She co-edited with Jean Kalicki a book on Reform of Investor-State Dispute Settlement in 2015. She lectures on international investment law in various universities and institutes all over the world. She holds a post-graduate degree (DEA) in Private International Law from the University of Paris I, Panthéon-Sorbonne, a Masters Degree in International Economic Law from University Paris I and in Political Science from Institut d'Etudes Politiques.

JACQUES LÉVY VÉHEL

Institut National de Recherche en Informatique et en Automatique (INRIA), Research Director; Case Law Analytics, Founder

Dr. Jacques Lévy Véhel is a graduate of Ecole Polytechnique and Sup Télécom.

He holds a Ph.D in mathematics, and has spent most of his career at INRIA, where he led several research teams dedicated to quantifying risks in different fields.

In 2017, he founded Case Law Analytics, a company that applies artificial intelligence to the modeling of judicial decisions and other legal contingencies.

MAGNUS MAGNUSSON

UNESCO, Director, Partnerships and Outreach, Social and Human Sciences Sector

Magnus Magnusson took up his duties as Director for Partnerships and Outreach in the Sector for Social and Human Science at UNESCO on 1 September 2017.

Prior to joining UNESCO, he held positions as Vice-President for Emerging Markets and Sustainability at Eco Capacity Exchange; Head of Government Relations, Northern Europe at the Bill & Melinda Gates Foundation; Head of Business Development and External Relations at the United Nations Capital Development Fund (UNCDF); and Regional Manager at the Nordic Development Fund (NDF) with responsibility for a \$150 million infrastructure portfolio in Tanzania, Kenya, Rwanda, Ghana and Ethiopia.

He started his career at the Swedish Ministry for Foreign Affairs with desk responsibility for the World Bank, regional development banks, IFAD and micro finance. Thereafter he joined the Nordic Council of Ministers as Senior Advisor for the finance, transport and development cooperation sectors. He also acted as secretary to the Board of Governors of the Nordic Investment Bank, Nordic Development Fund and was a representative in the Board of the Nordic Project Fund. Subsequently he joined the United Nations Environment Programme/GRID Arendal as Head of the Stockholm Office.

A Swedish citizen, Mr. Magnusson has an academic background in social sciences, business administration and economics, and environmental studies from Uppsala University, the Swedish Royal Institute of Technology, the Stockholm School of Economics and the University of California, Berkeley. He wrote his thesis on microfinance in rural Laos.

He is a board member of the Stockholm Philanthropy Symposium Foundation and advisory board member of Hand in Hand USA, Global Vaccines Project and ECO Capacity Exchange. He is a frequent panellist and speaker including in the areas of innovative finance and impact investing.

CHRISTOPHE MEYER

THALES, Senior Expert, Director of Artificial Intelligence & Data Science Labs

Dr. Christophe Meyer is Senior Expert, Artificial Intelligence & Data Science R&D Director at THALES.

He leads the AI and Datasience R&D Laboratories of Thales Secure Communications and Information Systems Global Business Unit. He also co-leads the CLEAR (Center for LEarning & data Retrieval) Lab, common to Thales and LIP6, joint research unit of Sorbonne University and CNRS.

Dr. Meyer is a graduate of Paris 6 University with a Ph.D in Artificial Intelligence & Cognitive Sciences. He has more than fifteen years of experience in human behavior modeling, simulation, machine learning and game theory.

FENGCHUN MIAO

UNESCO, Chief, Unit for ICT in Education

Dr. Fengchun Miao is the Chief of the Unit for ICT in Education at UNESCO, Education Sector at UNESCO's Headquarters in Paris. He leads the UNESCO Education Sector's programs in areas of ICT in education policy planning and development, digital and AI skills development for teachers and students, Open Educational Resources (OER), mobile learning, AI and education, and future e-schools. He is also in charge of the UNESCO Prize for the Use of ICTs in Education. Dr. Miao coordinates cooperation with other UN agencies in the field of ICT for the UN's Sustainable Development Goals (SDGs).

Dr. Miao has launched the following major ICT in Education events of UNESCO: International Conference on AI and Education (2019), International Conferences on ICT and SDG 4 – Education 2030 (2015 and 2017), and UNESCO Mobile Learning Weeks (for eight consecutive years since 2011). He has been leading the development of the Beijing Consensus on AI and Education, 2015 Qingdao Declaration on ICT for SDG 4, UNESCO Global Policy Guidelines on AI and Education, UNESCO ICT in Education Policy Toolkits, and Guidelines for the Development of OER Policies. Dr. Miao has also been co-leading the development of the UNESCO ICT Competency Framework for Teachers (ICT CFT).

Before joining UNESCO, Dr. Miao was the Director-General of the National Research Centre for Computer Education, Ministry of Education, China. In that capacity, he was responsible for the development of ICT in education policy and ICT curriculum standards for students and for managing the National Association for the Use of ICT in K-12 Schools of China.

FRANÇOIS PACHET

Spotify, Director, Spotify Creator Technology Research Lab

François Pachet is director of the Spotify Creator Technology Research Lab, where he designs the next generation of AI-based tools for musicians. Prior to Spotify, François Pachet has been director of the SONY Computer Science Laboratory Paris. At SONY he set up a music research working on interactive music listening, composition and performance. There he conducted the ERC-funded Flow Machines project during which he developed technologies for style imitation under user constraints. This project produced the first mainstream music title: "Daddy's car".

François is also a guitarist, and composed and published several albums. His latest book *Histoire d'une oreille* is an augmented book about how a musical ear develops through music listening.

KARINE PERSET

OECD, Administrator, Digital Economy and Artificial Intelligence Policy, Directorate for Science, Technology and Innovation

Karine Perset is in charge of the work on Artificial Intelligence Policy in the OECD's Division for Digital Economy Policy in Paris. She focuses on trends in the development and diffusion of AI, on opportunities and challenges that AI raises for public policy, and also oversees OECD.AI, the OECD's AI Policy Observatory.

She was previously Senior Director and Advisor to ICANN's Governmental Advisory Committee (GAC) in Los Angeles and, before that, was the Counsellor of the OECD's Directorate for Science, Technology and Innovation.

She is Franco-American and has a dual Master's degree in Telecommunications and in International Economics from the University of Paris Dauphine.

GEORGES-ANDRÉ SILBER

MINES ParisTech, Lecturer; Co-Founder, Luxia

Dr. Georges-André Silber has a doctorate in computer science from École Normale Supérieure de Lyon.

He is a lecturer and researcher at École des mines de Paris (MINES ParisTech, PSL University) on high-performance computing of large collections of data.

Dr. Georges-André Silber co-founded the legal technology company Luxia.

CEDRIC VILLANI

Mathematician (2010 Fields Medalist); Member of the French Academy of Sciences; First Vice-President of the Parliamentary Office for Scientific and Technological Assessment (OPECST); Member of the French Parliament (Essonne)

Dr. Cédric Villani is a French mathematician, recipient of the Fields Medal in 2010 and the Doob Prize in 2014. A Professor at the University of Lyon, he has also been a Visiting Professor at University of California Berkeley, Princeton University, and the Georgia Institute of Technology (Georgia Tech).

Dr. Villani was Director of the Henri Poincaré Institute from 2009 until 2017, when he resigned upon being elected as a Member of the French Parliament (Assemblée nationale), representing Essonne. In Parliament, he sits on the Cultural Affairs and Education Commission and is also First Vice President of the Parliamentary Office for Scientific and Technological Assessment (OPECST).

Dr. Villani has always been engaged in the relationship between science and society. He is a member of the French Academy of Sciences and the Pontifical Academy of Sciences. Dr. Villani has given conferences in over 70 countries and has published several works, including the best-seller *Théorème Vivant*, translated into 12 languages. He has also participated in numerous scientific advisory boards of public institutions, including the European Commission, and private-sector organizations such as Orange, EDF, Atos and BCG.

Dr. Villani is an alumnus of the Ecole Normale Supérieure (Ulm), a doctor in mathematics and is qualified to direct research. He has honorary doctorates from several universities, including HEC Paris. Dr. Villani is a Knight of the Légion d'Honneur and is Vice President of think-tank EuropaNova.