

SECOND SUMMER COURSE  
AT RCC AT HARVARD  
UNIVERSITY

WAIQ

W E B 3 , A I & Q U A N T U M

CHALLENGES AND OPPORTUNITIES FOR  
INNOVATORS, LEGAL PROFESSIONALS AND OTHER  
CURIOUS MINDS



<https://waiq.technology>

# Get ahead of the future

The first edition of this course was held in July 2023. The programme, entitled "Web3, AI, and QUANTUM COMPUTING (WAIQ): Challenges and Opportunities for Innovators, Legal Professionals and other Curious Minds" is designed to provide an in-depth understanding of the impact of emerging technologies from three relevant dimensions: technical, legal and ethical.

Web3, also known as the decentralised web, is the next iteration of the Internet based on blockchain technology. AI, or Artificial Intelligence, is a rapidly growing field that is revolutionising the way legal services are delivered. Quantum computing is a new paradigm in computing that promises to exponentially increase the speed and capacity of data processing to solve complex problems that current technologies cannot afford or simply do so in an efficient manner.

Throughout the course, participants will explore the challenges and opportunities that these emerging technologies pose for today's businesses, entrepreneurs, law firms, etc. They will also learn how these technologies are being used to solve problems, achieve opportunities, as well as the ethical considerations that arise when using them. The course could also be an approach to the current debates on the regulation of these new technologies.

The conferences are designed for forward-thinking innovators eager to explore the latest developments in what we have called WAIQ technologies, envisioned as the foundational layer of the next generation of digital services. While the trigger are these three technologies, we recognise that innovation goes hand in hand with effective regulation, including legal aspects. Therefore, the course will delve into the legal and regulatory frameworks surrounding these technologies to provide a comprehensive understanding of the innovation landscape.



Innovators from all backgrounds, including engineers and legal professionals, are encouraged to participate. The course will foster a multidisciplinary approach, bringing together diverse perspectives to explore the complex interplay between technology, law, and society.

Through engaging lectures, interactive discussions and practical activities, participants will gain valuable insights into the technical, legal and ethical implications of emerging technologies and how they impact various industries.

Whether you are a tech enthusiast, entrepreneur, policymaker, or legal professional, this course offers a unique opportunity to expand your knowledge and skills in Web3, Quantum, and Artificial Intelligence, and their legal and regulatory considerations. Join us at Harvard for this enriching and thought-provoking learning experience.

## About the Real Colegio Complutense at Harvard University

The Real Colegio Complutense at Harvard University (Cambridge, Massachusetts), known as RCC, is a non-profit institution created by the Complutense University of Madrid and Harvard University with the aim of promoting academic, intellectual, and scientific exchange between Harvard University and the academic community in Spain.







## Calendar

**June 10th, 11th, 12th  
& 13th 2024**



## Location

**Harvard Law School  
26 Trowbridge St  
Cambridge, MA 02138 &**



## Methodology

This summer course offers a theoretical-practical approach applied to the specific needs of the students, as it is composed of renowned professors who are experts in each specific topic of the program.

We follow a participatory and dynamic methodology. Our instructors use the case method to help you enhance your learning based on real-life situations.

### **What do you need to fulfil to obtain your diploma?**

Proactive participation.  
Mandatory attendance to sessions.

### **Tools**

Attendees will receive the proper documentation used in the course and additional materials related to these matters.



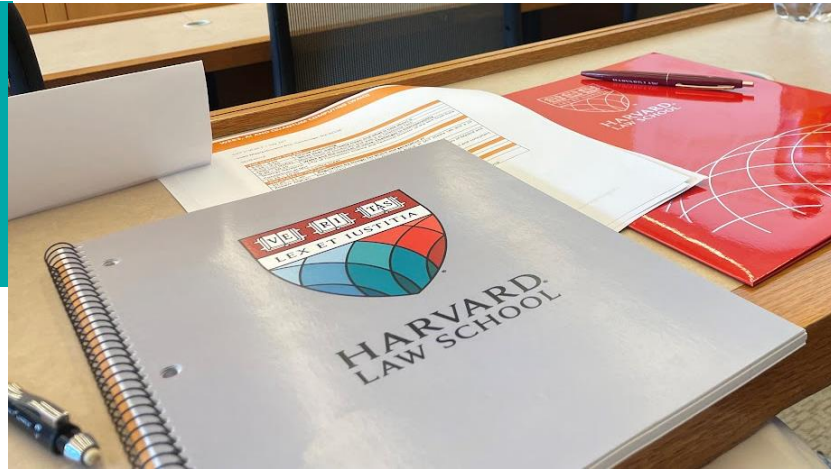
## Admission requirements

- ✓ The student must have a university degree or be in their last year of study.
- ✓ Personal interview with the candidate.
- ✓ Have a level of English B2 equivalent. An official certificate is not necessary, the level will be accredited during the interview.



# Program

A program based on 3 technologies (Web3, AI & Quantum) and 3 dimensions (Technical, Legal & Ethical).  
The program is subject to slight modifications.



## DAY 1 (10 June): Artificial Intelligence

Introduction to the WAIQ Course

Understanding AI and its challenges and opportunities

Legal implications of AI

- ✓ Bias in AI and its impact on legal decision-making
- ✓ Legal implications of blockchain-based systems

Legal & Regulatory implications of AI

- ✓ Innovations in legal tech
- ✓ AI Regulatory landscape in US, China & Europe

Quick update about Ethical considerations of AI

## DAY 2 (11 June): Web3

Introduction to Web3 and its implications for society

Pillars to build businesses on top of web3:

- ✓ Tokenisation
- ✓ Identity
- ✓ Case study: The Sandbox

Legal considerations around web3 artefacts (NFTs, DAOs, etc.)

## DAY 3 (12 June): Quantum Computing

### Quantum Computing: the Big Picture

- ✓ Welcome to Quantum Day of WAIQ
- ✓ Defining the future of computing
- ✓ Going beyond quantum
- ✓ What does all of this mean?

### Present and Future of Quantum Computing

- ✓ What Has Happened in Quantum Computing during the Last Year
- ✓ MIT Center for Quantum Engineering
- ✓ What's next?

### Quantum Computing in Action

- ✓ Quantum for Sustainability
- ✓ Computing with Neutral Atoms
- ✓ Takeaways and Discussion - Moderated Dialogue

## DAY 4 (13 June): Innovation from WAIQ

### Innovation: Realities and Challenges

- ✓ The Hard Truths of Innovation
- ✓ Trends Identification and Knowledge Transfer: Experiences from Bankinter Foundation for Innovation
- ✓ Towards Actionable Innovation

### Case Studies

- ✓ Open Innovation Approach to Convergence
- ✓ Converging AI and Quantum
- ✓ Converging AI, Web3.0 and Quantum

### Visit to Harvard Innovation Lab

- ✓ Transfer to Harvard Innovation Lab
- ✓ Visit to Harvard Innovation Lab: Understanding Harvard Innovation Ecosystem
- ✓ Takeaways and Discussion

# Lecturers



## Thomas Hardjono

Dr Thomas Hardjono is the CTO of Connection Science and Technical Director of the MIT Trust-Data Consortium at MIT in Cambridge, MA. USA. He is an early pioneer in the field of digital identities and trusted hardware, and instrumental in the development and broad adoption of the MIT Kerberos authentication protocol. His activities include leading standard development efforts, notably at the IETF (Internet Engineering Task Force), IEEE, Trusted Computing Group, Confidential Computing Alliance and others.

He has published over 70 technical conference/journal papers, several books and over 30 patents. He is currently involved in several startups around the MIT community. His current area of interest is Web3 Digital Assets, with focus on the interoperability of asset networks and survivability of these networks against cybersecurity attacks.



## Carlos Kuchkovsky

Carlos Kuchkovsky is the Co-founder and CEO of QCentroid, a mission-oriented Web 3 ecosystem, with the purpose of accelerating sustainable transformation through new ways of working, tech, science, and data. Qcentroid is bringing the power of Quantum tech to Web3 organizations and ecosystems by opening the creator economy to mathematicians, physicists, engineers, and sustainability domain experts.

Carlos began his career as a multiplayer mobile video game developer. After that He worked for BBVA in a number of executive positions, positioning BBVA as a leader in quantum computing, AI, blockchain, digital identity, new business, and digital platforms among other areas. He has held different board positions on international associations at Hyperledger, INATBA, Alastria, and the Strategic Advisory Board of the European Quantum Flagship, working on the evolution of blockchain, AI, quantum technologies, and Web3.

He has published scientific and tech papers and created and led over 30 patents. He also lectures in International MBAs in fintech, deep tech, and new business models.



## Leigh Hafrey

Leigh Hafrey is a Senior Lecturer at the MIT Sloan School of Management. Since 1991, Hafrey has worked in professional ethics, with a focus on ethical leadership, teaching courses at Harvard Business School and MIT Sloan, and consulting with professional practitioners in the United States and abroad. At MIT Sloan, he teaches in the MBA program and Leaders for Global Operations, for which he moderates a mandatory two-year leadership course. He has also taught in MIT's Industrial Liaison, MIT-China Management Education, Master of Finance, Management of Technology, Nanyang Fellows, Sloan Fellows in Innovation and Global Leadership, Supply Chain Management, and System Design and Management programs.

Since 1996, Hafrey has moderated the Aspen Institute's Seminar in Leadership, Values, and the Good Society and other seminars sponsored by the Institute in the U.S. and abroad. From 1993 to 2010, together with his wife, Sandra Naddaff, Hafrey was a co-Master of Mather House, one of the 12 residential complexes in Harvard College. The Mather community brings together 400 undergraduates; 100 faculty, administrative, and alumni fellows; and dozens of advisory and other staff. A former staff editor at The New York Times Book Review, Hafrey has published reporting, essays, reviews, interviews, and translations in The New York Times and other American and European periodicals. He serves on the editorial advisory board of Philosophy of Management (U.K.) and the Journal of Business Ethics Education (U.S.).

His publications on business and management include a quarterly column for IPA's Business Today (2007-09); cases and blogs for MIT Sloan; a book on how people use stories to articulate ethical norms, *The Story of Success: Five Steps to Mastering Ethics in Business* (2005); and *War Stories: Fighting, Competing, Imagining, Leading*, an essay on business alternatives to a culture of war in today's America (2016). Hafrey holds an AB in English from Harvard College and a PhD in comparative literature from Yale University.



## Ariadna Font Llitjós

Ariadna is Co-Founder and CEO of Alinia, a startup leveraging generative AI for improving business-critical operations in specific industries that rely on policy alignment and trust, such as content moderation for publishers and marketplaces.

She is excited to help companies move past LLM experimentation and recognise real-world value, so she's starting with meaningful pain points like marketplace leakage and fake and harmful content that can deliver near-term ROI and also make the internet a safer and more responsible place.

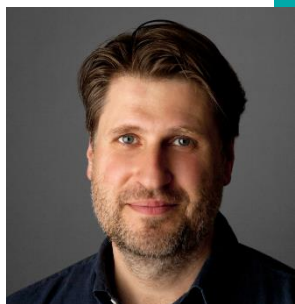




## Sebastian Rodriguez Cabrera

Sebastian Rodriguez Cabrera is the Vice President of Product for Polygon ID at Polygon Labs. He leads the teams working on self-sovereign, decentralized and private identity protocol for the next iteration of the Internet and coordinates both technical development and the go-to-market implementation.

With over 25 years in the tech industry, Sebastian has led product development at both startups and Fortune 100 companies and across all of the layers of the tech stack: data centers, software factories, managed services, and IT distribution. Sebastian designed and rolled out the biggest B2B cloud services marketplace in Europe (TD Synnex), coordinating a massive two-year transformation across 20 countries. He holds a Computer Science degree from the University of Bellaterra (Barcelona) and has studied in several fields, including AI, Gamification, Design Thinking and Philosophy.



## Mathieu Nouzareth

Mathieu Nouzareth is a Paris-born and London-based serial tech entrepreneur and business leader. He is the founder of 5 companies over the past 30 years, of which 3 have been sold and 2 went public.

Mathieu has been instrumental as the co-founder and Chief Executive Officer of FreshPlanet, which he founded in 2009 in New York. FreshPlanet is renowned for developing the highly popular and award winning (BAFTA, Webby, etc...) social mobile music trivia game SongPop. SongPop has amassed a global following of over 130 million players since its launch in June 2012, which eventually led to company's acquisition by Gameloft/Vivendi, a major player in mobile game world, in 2018.

Mathieu's business acumen is further demonstrated through his role CEO US (Los Angeles), Chief Business Officer (London) and board member at The Sandbox. The Sandbox is a leading decentralized metaverse platform. In this role, he leads the company's strategy and development, contributing significantly to its growth.

His journey in the tech world began with the founding of Web Concept in 1995 in Paris and Cafe.com in 2006. He is also the cofounder and board member of carbon neutral crypto mining company SATO, now publicly traded on the Toronto Stock Exchange.

Mathieu's educational background includes an MBA from Pace University in New York and an MBA from the Grenoble Graduate Business School.

Throughout his career, Mathieu has shown a keen ability to innovate and lead in the dynamic field of digital entertainment and technology.



## Kat Morse

Kat Morse is an attorney turned wine specialist, entrepreneur, and startup advisor, and brings this diverse expertise to her role as the lead of the Digital Innovation Team at IATA. In 2019, Kat launched Accelerate@IATA, the first aviation industry-owned travel tech accelerator, which has successfully supported over 90 startups, enriching the industry with new technologies and ideas.

Under Kat's guidance, The IATA Lab was established in 2023, serving as a nexus for industry-wide collaboration and the testing of groundbreaking technologies. Her leadership drives a range of initiatives aimed at fostering collaboration and propelling innovation within the aviation sector. Prior to IATA, Kat has worked as a corporate in-house attorney in Las Vegas and launched a wine startup in Geneva, Switzerland which grew to 3 countries.

Kat holds a Bachelor of Science from the University of Rochester in Brain and Cognitive Sciences with a focus on Neuroplasticity, a J.D. from the University of Illinois at Chicago Law School, and a specialization in Wine Law from the Université de Reims. Her unique blend of expertise has earned her prestigious titles such as Ambassadrice du Champagne and Dame Chevalier de l'Ordre des Coteaux de Champagne and has even brought her onto the TedX stage. In 2023, Kat was honored as the Most Influential Filipina in the World for technology by the Filipino Women's Network, a testament to her significant contributions to innovation in aviation.



## Raquel Puente

Raquel Puente is a Program Manager at Bankinter Innovation Foundation, where she's currently launching a program to boost technology and knowledge transfer between research and business worlds. For over five years, Raquel has been leading Akademia, a program that helps companies and university students get up to speed on innovation and artificial intelligence.

Her passion for innovation goes beyond Bankinter. She's an active member of the committee of Cre100do Foundation, which identifies high-potential Spanish companies and promotes their healthy and sustainable growth. Raquel's career began in 2011 at Bankinter's Sustainability Department, where she contributed to a new strategic plan. Later, she worked as a banking specialist in another department.

She holds a Molecular Biology degree from the University of Santiago de Compostela, which allowed her to work at the INHIBIC research center in A Coruña. She has also completed an MBA in Technology and Sustainability at EOI Business School. In the last two years, Raquel has furthered her expertise by participating in the Frontiers of Innovation program at MIT with the Rafael del Pino Foundation.



## Luis Ignacio Vicente del Olmo

Luis Ignacio is Strategic Advisor of PONS IP, the IP consultancy firm leader in Spain and Innovation Advisor of ABB.

He is a visionary leader with a passion for driving innovation and technology forward. With a background in physics, telecommunications and industry. Also a degree in telecommunications economics, he bring a unique perspective to his work. His impressive education includes a Master's in Science and Technology Analysis and Management, a Diploma in Innovation Management from MIT, and a specialization in Innovation Economics. He also hold a Diploma in European Communities from the Diplomatic School of the Ministry of Foreign Affairs.

Prior to joining PONS IP & ABB, he was responsible during 30 years for Return on Innovation at the Telefónica Group, where he played a key role in driving the company's innovation strategy forward. He also served as President of the es.internet Technology Platform, where they helped to shape the future of the technology industry in Spain and beyond. In ABB, he was responsible for leading the mobile robotics unit's innovation efforts, leveraging their extensive experience and expertise to drive new product development, explore new business models, and identify emerging trends in the industry. As Member of the Board of PONS IP is a dynamic and forward-thinking leader, with a proven track record of success in driving innovation and growth in the technology sector.



## Francisco Castro

Francisco is an accomplished Chief IP Counsel with a strong background in both science and law. He obtained his Ph.D. in applied and computational semiconductor physics from Drexel University in Philadelphia, where he also earned several patents. After working as a principal research engineer at Lucent Technologies (now Nokia) and Motorola, he transitioned to a career in intellectual property law.

Francisco began his legal career at the Northern Virginia office of Cooley LLP, a Silicon Valley-based law firm, before moving on to become Counsel at Arent Fox LLP in Washington, DC and San Francisco, CA. Currently, he serves as the Chief IP Counsel for IonQ, Inc., a quantum computing startup. In his role, Francisco draws upon his deep scientific expertise and legal knowledge to help guide the company's IP strategy and navigate the complex landscape of emerging technologies. With his unique combination of scientific and legal experience, Francisco is well-positioned to help IonQ stay at the forefront of the rapidly evolving field of quantum computing. He is deeply committed to helping his clients protect their intellectual property and navigate the legal challenges that arise in the rapidly-evolving tech industry.



## Michael Scarpati

Michael is an intellectual property attorney and partner at ArentFox Schiff LLP. His practice spans all major areas of intellectual property law, including patent prosecution, due diligence investigations, district court litigation involving patents, trademarks, and copyrights, and post-grant proceedings before the U.S. Patent and Trademark Office (e.g., inter partes review, reexamination, and reissue proceedings).

He has extensive experience drafting patent invalidity, non-infringement and freedom-to-operate opinions, conducting prior art searches, and analyzing patent portfolios. Michael has advanced degrees in the areas of molecular biology, which he leverages to draft and prosecute patent applications related to biotechnology, pharmaceuticals, diagnostics, agricultural products, medical devices, and related life sciences subject matter. Michael also has a degree in computer science, providing cross-disciplinary expertise necessary for the prosecution of software patents. In that regard, he has experience drafting and prosecuting patents directed to software and business methods that implement machine learning, blockchain-based ledgers and other cutting-edge technologies.

Michael also has several years of experience prosecuting and litigating utility and design patents related to consumer products technology, and has counseled clients regarding intellectual property issues at all stages of the product development life cycle.

Michael has extensive experience working with a wide range of clients, including Fortune 100 companies, start-ups, and research universities, in the areas of biotechnology, software, consumer products, and other technological niches. His practice is primarily focused on helping clients develop, manage, and enforce patent portfolios and other intellectual property assets. To that end, Michael has also assisted clients with licensing and enforcement actions to defend and/or monetize their intellectual property assets, in state and federal court litigation.

Prior to joining ArentFox Schiff, Michael was an attorney at a biotechnology-focused boutique based in New York. Before entering the legal field, Michael was an academic and research scientist and has extensive hands-on experience with biotechnology, with over a decade of experience working at the lab bench at university and private laboratories. His research interests include all aspects of molecular biology, with a particular focus on structural biology and signal transduction. He is familiar with both standard wet lab techniques and bioinformatics-based approaches. He is also familiar with machine learning and data science techniques, as applied to “big data” analyses for biological research and other fields of technology.



## José Luis Amat Reinoso

José Luis is an accomplished legal professional with extensive experience as a Legal Counsel. He has expertise in a wide range of legal issues, including New Technologies, Intellectual Property, Data Privacy, Corporate Law, and Legal Advice.

Throughout his career, he has worked with some of the most prestigious companies in Europe, particularly in the technology and telecommunications sectors such as the Telefónica Group, the venture capital firm Wayra, and is currently the Manager of the Web3 and Digital Assets area at CECATech, the technology department of the prestigious law firm CECA MAGÁN Abogados. Currently, José Luis is pursuing a Ph.D. in Law from the Universidad Complutense de Madrid, focusing on the legal implications of Web3.

He is passionate about exploring the intersection of law and technology, particularly in emerging fields. In addition to his legal expertise, José Luis also holds the Alto Diplomado en Estudios de Defensa Nacional from the Ministry of Defence of the Spanish Government. This program has given him a deep understanding of the critical impacts of national security and the importance of cybersecurity for all countries. With his combination of legal and security expertise, José Luis is well-equipped to resolve legal problems in the landscape of emerging technologies.



## Carmen Santo

Carmen is Senior Associate at Uría Menéndez. She is a highly skilled legal professional with a wealth of experience working for some of the most prestigious law firms in Europe and Australia. After completing their law degree, they joined Uría Menéndez as an intern in 2014. Over the next several years, they worked their way up the ranks, serving as a legal trainee, and later as a lawyer. During this time, they developed a deep understanding of the legal field, honing their skills in areas such as contract negotiation, legal research, and client counseling.

In 2023, they took on a new challenge, joining Gilbert + Tobin as a Senior Associate in Australia. They quickly proved themselves to be an invaluable member of the team, leveraging their expertise in Banking and Projects to help the firm's clients navigate complex legal issues related to energy and infrastructure. Their strong work ethic, attention to detail, and ability to think strategically have earned them a reputation as a highly effective legal professional. They are always looking for ways to further develop their skills and knowledge and are committed to providing the highest level of service to their clients.





## Ricardo Vidal

Ricardo Vidal is an innovation leader with over two decades of international experience across various sectors, exemplifying a proven track record in tech strategy planning and execution. His expertise spans digital transformations, novel developments, and cutting-edge technologies like Quantum Computing, AI, and Web3.0, facilitating strategic and cultural shifts towards innovation and complex solutions.

As the head of Innovation at British Airways since 2014, he has been pivotal in leveraging technology to spur growth, enhance customer experience, and ensure operational excellence through initiatives such as biometric boarding, digital identity, and the introduction of Generative AI technologies.

Ricardo's academic credentials include a Fellowship in Open Innovation from the Royal College of Arts London, an Executive MBA from Instituto de Empresa (IE) Business School, and a Bachelor's degree in Science from Central Michigan University. His professional journey prior to British Airways includes significant roles at Deloitte Consulting, Siemens, Telefonica, and his own startup, showcasing his ability in crisis resolution, financial and technical transformations, and process optimisation across multiple countries. Ricardo has also supported academic initiatives at IE Business School and Imperial College of London TechLabs.



## José Luis Núñez

José Luis leads the blockchain and web3 business unit in Telefónica Tech, pushing solutions for enterprises that build on these technologies. Hot topics like decentralized identity, NFTs and, of course, the metaverse, are also part of the priorities they are developing and devoting resources. Before leading the Blockchain unit, he developed his career in various areas of innovation within Telefónica, highlighting milestones such as the launch of Wayra, the technology startup accelerator backed by Telefónica, in 2011.

He holds several patents related to both telecommunications services and improvements in consensus mechanisms and interoperability of Blockchain networks. His academic credentials include degrees both in Telecommunications Engineering and Business Administration and specialisations in Innovation and Strategy from MIT Sloan and Harvard Business School. He also teaches Innovation, Digital Transformation and Emerging Technologies topics in several Business Schools.



## Esperanza Cuenca Gómez

Esperanza Cuenca-Gómez is Head of Strategy and Outreach at Multiverse Computing. She is a digital transformation enthusiast with more than 12 years of experience in consumer finance and banking, and more than 5 years in strategy and operations consulting. Quantum mechanics has always fascinated.

Esperanza, so she decided to study and research in quantum computing and communications. As an engineer, Esperanza sees applied science and engineering as ways to build new technologies, solve problems, and contribute to society. She is a member of Bankinter Foundation for Innovation FIBK Voices, an ecosystem of experts who are international referents and give the Foundation their vision on how innovation is revolutionizing areas such as science, technology, entrepreneurship or education. Esperanza also serves as Head of Change Navigation at the Quantum Strategy Institute.



## Borja Peropadre

Borja Peropadre is an accomplished physicist and researcher, currently serving as the North America & Japan Lead at IBM Quantum. With an impressive background in both academia and industry, Peropadre has spent much of his career exploring the cutting-edge fields of quantum computing, quantum simulations, and quantum materials.

Before joining IBM, Peropadre held several key positions in the quantum computing industry, including Director of Technical and Strategic Alliances at Zapata Computing, where he helped build the company's partnerships and collaborations with leading research institutions around the world. He also worked as a Scientist at Raytheon and served as a Postdoctoral Researcher in the Chemistry and Chemical Biology Department at Harvard University.

Peropadre's academic achievements are equally impressive. He received his PhD in Physics from Universidad Complutense de Madrid, where his thesis focused on the control of ultrastrongly coupled systems in Circuit Quantum Electrodynamics. He also holds a Master's degree in Fundamental Physics from the same institution, where he studied the 1D Kitaev model in superconducting circuits. In addition, he has conducted extensive research in the areas of superconducting circuits, quantum optics, and circuit QED, and his work has been published in numerous prestigious scientific journals.



## Gabriel López

Gabriel is an experienced attorney and government affairs professional with a diverse background in the technology industry. Here is a summary of his bio:

Gabriel has been employed at Microsoft since January 2015, and he currently serves as the Regulatory & Government Affairs Director for Microsoft Iberia. In this capacity, Gabriel assumes the crucial role of overseeing regulatory and policy affairs, with a particular focus on the European Digital Agenda, AI, cybersecurity, trusted cloud services, interoperability, governance, intellectual property, open platforms, and the environment. His expertise lies in shaping national and international public policies and regulations to ensure the responsible use of technology and foster the development of the data economy. Gabriel has contributed significantly to the field, authoring numerous articles on subjects including Artificial Intelligence, cybersecurity, transparency, sovereignty, accessibility, and sustainability.

Prior to Microsoft, at Nokia, Gabriel held various positions and played a pivotal role in legal and regulatory matters, including as legal director for one of the largest mobile phone manufacturing factories in America. Gabriel's career also includes experience at AT&T, where he worked as a Regulatory Affairs Manager for eight years. He handled negotiations with domestic and international carriers, drafted corporate agreements, represented the company in legal and international carriers' forums, and litigated administrative and international disputes domestically and at international forums.

In addition to his corporate roles, Gabriel is actively involved in various organizations. He is a member of the advisory commission to the Chair on Privacy and Digital Transformation at the University of Valencia. He collaborates at the Real Instituto Elcano as representative of the IT sector. He serves as the President and member of the board of the Digital Policy Commission at AMETIC, an industry association in Spain, and is a member of the Board of Directors at Adigital, an association for the digital economy. Gabriel is also a member to the European Healthcare Data Innovation Council, an entity that promotes the democratization of digital technologies in the healthcare sector.



## Jeffrey Saviano

Based in Cambridge, Massachusetts Jeff is a Partner (Principal) with EY Consulting and leads EY's Emerging Technology Strategy & Governance practice; he is also the Artificial Intelligence (AI) Leader with the EY Center for Board Matters. Principally, as an AI ethicist, Jeff advises corporate boards, C-Suite executives, and senior government officials on the risks, opportunities, and policy / governance considerations emanating from innovative technology and data systems, with an emphasis on AI and Web3 applications.

Jeff's holds an appointment at the Harvard Edmond & Lily Safra Center for Ethics to study the ethics associated with innovative technologies (AI and Web3 emphasis). He is a Research Affiliate with the Sociotechnical Systems Research Center (SSRC) at Massachusetts Institute of Technology (MIT) focusing on the study of the ethical implications of innovative technologies. Jeff is also an MIT Connection Science Senior Founding Fellow and a member of the faculty at Boston University School of Law, where he teaches Innovation, Technology, and the Law, with an emphasis on Web3 and AI systems and associated technology policy, governance, and ethics implications.

Jeff is also a founding member of The Prosperity Collaborative. Founding members include, New America, MIT, EY, The World Bank Group, and the Michael Dukakis Institute for Leadership and Innovation.

In 2018, Jeff launched the EY global Advanced Technology Cambridge Lab, which includes a research collaboration with MIT to solving complex issues for both government and the private sector through the application of advanced technologies and business model innovation.

Jeff is the host of the Better Innovation podcast, featuring interviews with technology and innovation thought leaders to explore stories of how innovation is reshaping and transforming our inextricably digital world.

In October of 2020, Jeff joined New America for a one-year Senior Fellowship with the Digital Impact and Governance Initiative (DIGI) to study the development and governance of digital public goods. Moreover, in 2021 Jeff was appointed by U.S. Secretary of Commerce to the Trade Finance Advisory Council, where he advised on effective ways to expand access to trade finance, with an emphasis on new fintech investments to fuel economic growth.

He has been a frequent global speaker on technology policy, governance, and ethics matters, including presentations in Davos, Switzerland aligned with the World Economic Forum in 2019 and 2020.

Jeff received a bachelor's degree in accounting from Iona University, a J.D. from Syracuse University College of Law, and an LL.M. in Taxation from Boston University School of Law. He has published articles on technology policy, innovation theory and application, and advanced technology strategy, policy, governance, and ethics.



## Jorge Cortell

Jorge is the senior advisor for health care and life sciences. A serial entrepreneur, Jorge has founded six bootstrapped and profitable startups (five exits and one shutdown, including a paper unicorn) in three countries and across five industries. His pioneering innovations in health care technology (used by hospitals in 15 countries to diagnose and treat millions of patients) span the areas of AI, precision medicine, clinical genomics, medical imaging, digital pathology, and augmented reality. During his time as venture partner at NLC, the largest health tech venture studio in Europe, Jorge also co-built seven startups.

Jorge is also a former professional basketball player and member of the European Commission Expert Group on Venture Philanthropy and Social Investments.

A first-generation college graduate from the University of Oxford (computer science), MIT (Entrepreneurship Development Program), and the University of Valencia (postgraduate in Medical Genetics), Jorge has received innovation and academic awards from NASA, California Governor, HIMSS, IBM, Digital Pathology Association, Frost & Sullivan, and The Wall Street Journal.



## Pedro Lopes

Pedro Lopes serves as the tech advocate for QuEra Computing, where he also manages strategic government and partner accounts. He spearheaded the design of the first industry-grade course on quantum computing with neutral atoms, successfully training hundreds of participants. Pedro also played a key role in marketing and developing the user base for the world's first publicly accessible neutral-atom quantum computer.

Prior to his current role, he directed multi-faculty teams in a major research program at the University of British Columbia. His professional interests extend beyond his core competencies, encompassing talent acquisition and retention strategies, and their impact on organizations. Pedro has a strong academic background, including postdoctoral fellowships at the Institut Quantique (Québec) and the Quantum Matter Institute (British Columbia). He earned his PhD in Physics through a joint program between the University of Campinas (Brazil) and the University of Illinois Urbana-Champaign (UIUC). Pedro holds a Bachelor of Science in Physics from the University of Campinas (Brazil), where he graduated with honors. His scientific work includes predicting material signatures of chiral anomaly phenomena (later verified experimentally) and proposing a non-topological mechanism for anyonic qubits.





## Ricard Martínez

Ricard, is Ph.D. in Law from the Universitat de València, he has focused his research on the study of the fundamental right to data protection and to different issues related to the impact of information and communication technologies on privacy. He currently works at the Universitat de València as Full-time Lecturer (Ph.D.) in the Department of Constitutional Law, Political Sciences and Administration. Member of the Healthcare Data Innovation Council. Within the framework of his transfer and public service activities, he has successively been part of the Working Group on Citizens' Digital Rights of the Ministry of Energy, Tourism and Digital Agenda and of the Working Group on Digital Rights of the Secretary of State for Digitalisation and Artificial Intelligence. In this second group, he was one of the five rapporteurs of the Digital Rights Charter.

He currently focuses his research on studying the conditions for the generation of massive data repositories for research purposes, particularly in the field of health, and on regulatory compliance in the field of Artificial Intelligence. He has participated or participates in Research Projects such as BigMedilytics, WellBased or Chaimeleon. The result of his basic research in this field transferred to the Playbook and HealthData 29 project of Fundación 29 deserved the Proactivity and Good Practices Award of the Spanish Data Protection Agency in 2021.

Former database control technician at the Universitat de València. President of the Spanish Professional Privacy Association. He has collaborated with different universities as a lecturer in undergraduate and postgraduate studies and has been responsible for the Studies Area of the Spanish Data Protection Agency.

He is the author of various monographs on this subject, "Tecnologías de la Información, Policía y Constitución", "Una aproximación crítica a la autodeterminación informativa", and has participated as author or coordinator in different commentaries on the Regulation for the Development of the Organic Law on Data Protection, and monographs on Law and social media or Cloud Computing as well as other publications. Member of the FIDE's Academic Council and co-director of its Data Protection Forum.

# WAIQ

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