

CNAS Quantum Roundtable: Research Security, Technology Theft, and Intellectual Property Rights

October 11, 2023



Speakers



Mr. Mauritz Kop is a Fellow and Visiting Quantum and Law Scholar at Stanford University. He is also the founder of MusicaJurdicia, a private legal business, a director at AIRecht, and general counsel at Daiki, a Vienna-based unified platform committed to building a trustworthy AI future.

Mr. Kop helps nations across the world develop responsible quantum technology and innovation strategies. He provided policy recommendations to the European Commission during the codification of the Artificial Intelligence Act, the Data Governance Act, and the Data Act, and delivered copyright expertise to the European Parliament during the EU

Copyright Directive legislative process. He has also advised U.S. Senators about regulating AI and quantum technology.

Mr. Kop has held intellectual property law, music law, and technology law guest teaching and lecturing positions at several universities, and provided postdoctoral legal training to Supreme Court Justices, lawyers, and legal professionals. His current research focuses on responsible quantum technology, quantum-ELSPI, human-centered AI, quantum-classical synergies such as quantum/AI hybrids, sustainable innovation policy pluralism, and the interface between intellectual property, antitrust law, distributive justice, and national security strategy.



Dr. Elliott Mason is a Registered Patent Agent at Young Basile, an intellectual property and litigation firm that represents leading global companies, regional technology-driven companies, and emerging businesses.

Dr. Mason leads the firm's quantum technologies team. He works closely with different inventors, helping them protect their inventions in quantum computing and other quantum-related fields. He has provided portfolio management and strategic advice for companies at various stages, including startups, and has worked with university

technology licensing offices.

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Dr. Mason has drafted and prosecuted patent applications in numerous technology areas including optics/photonics, semiconductors, networking/telecommunications protocols, medical devices, signal processing, physics and chemistry, and software.

He also leads the Quantum Economic Development Consortium's (QED-C) Technical Advisory Committee Quantum Networking Subcommittee on Standards and Performance Metrics, which aims to identify ways in which the development of standards for quantum networking technologies could benefit industry and monitor and promote the activities of standards development organizations.

Dr. Mason received his PhD in electrical engineering from the Massachusetts Institute of Technology. His postdoctoral research focused on nonlinear and quantum optics. He gained hands-on experience building devices for high-speed photon pair generation as an experimentalist on a team working to demonstrate enabling technologies for long-distance quantum teleportation.

New CNAS Technology and National Security Program Director



Vivek Chilukuri is the Senior Fellow and Program Director of the Technology and National Security Program at CNAS. His work focuses on the responsible development and deployment of artificial intelligence; U.S. technology leadership; and the intersection of technology, democracy, and geopolitics.

Before joining CNAS, Chilukuri served as a senior staff member for Senator Michael Bennet (D-CO), a member of the Senate Select Committee on Intelligence. Chilukuri served as Bennet's Senior Policy Advisor for Technology and Democracy, Deputy Chief of Staff, Legislative Director, and Chief Speechwriter. During his tenure on Capitol Hill, Chilukuri worked on legislation to strengthen

America's technology competitiveness, promote responsible governance for emerging technologies, and expand access to high-speed broadband through the Bipartisan Infrastructure Law.

Previously, Chilukuri served in the Department of State as a Policy Advisor to the Undersecretary for Civilian Security, Democracy, and Human Rights, and as a Program Officer on the Middle East and North Africa team at the National Democratic Institute.

Chilukuri received an MPP from the Harvard Kennedy School and a BA in international studies from UNC-Chapel Hill, where he graduated as a Robertson Scholar.