



P33 BCG Quantum in Finance Event

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Biographies of Event Participants

Yuri Aleexev, Principal Project Specialist, Argonne National Laboratory



Yuri Aleexev is a principal project specialist at the Computational Science Division at Argonne National Laboratory and a scientist in the Department of Computer Science at University of Chicago Consortium for Advanced Science and Engineering (UChicago CASE). He is also a senior member of IEEE society, affiliated member of Enabling Practical-scale Quantum Computing (EPIQC), which is an NSF Expedition project and a member of Chicago Quantum Exchange. His research interests involve development of quantum computing algorithms, error correction and mitigation techniques, and numerical simulators of quantum systems using high-performance computing on next-generation high-performance supercomputers.

Yuri received PhD in Physical Chemistry program from Iowa State University in the Mark Gordon's quantum chemistry group after which he became a postdoctoral fellow at Pacific Northwest National Laboratory and worked in the NWChem group. Later, he joined the Nobel Prize winner Dr. Martin Karplus' group at Harvard University and Université de Strasbourg.

David Awschalom, Liew Family Professor in Spintronics and Quantum Information, Pritzker School of Molecular Engineering, University of Chicago; Director, Chicago Quantum Exchange; QIS Group Leader, Argonne National Laboratory; Director, Q-NEXT



David Awschalom is the Liew Family Professor in Spintronics and Quantum Information in the Pritzker School of Molecular Engineering, a professor of Physics, and director of the Chicago Quantum Exchange. He also holds a senior scientist and Quantum Information Science Group Leader position at Argonne National Laboratory's Materials Science Division, and is the Director of Q-NEXT, a Department of Energy National Quantum Information Science Research Center led by Argonne National Laboratory. His research in quantum spintronics involves understanding and controlling the spins of electrons, ions, and nuclei for fundamental studies of quantum systems, as well as potential applications in computing, imaging, and encryption.

Prof. Awschalom received his BSc in physics from the University of Illinois at Urbana-Champaign, and his PhD in experimental physics from Cornell University. He was a research staff member and manager of the Nonequilibrium Physics Department at the IBM Watson Research Center in Yorktown Heights, New York. In 1991 he joined the University of California-Santa Barbara as a professor of physics, and in 2001 was additionally appointed as a professor of electrical and computer engineering. Prior to joining PME, he served as the Peter J. Clarke Professor and Director of the California NanoSystems Institute, and director of the Center for Spintronics and Quantum Computation.

Awschalom received the American Physical Society Oliver E. Buckley Prize and Julius Edgar Lilienfeld Prize, the European Physical Society Europhysics Prize, the Materials Research Society David Turnbull Award and Outstanding Investigator Prize, the AAAS Newcomb Cleveland Prize, the International Magnetism Prize and the Néel Medal from the International Union of Pure and Applied Physics, and an IBM Outstanding Innovation Award. He is a member of the American Academy of Arts and Sciences, the National Academy of Sciences, the National Academy of Engineering, and the European Academy of Sciences.



Jean Francois Bobier, Partner & Associate Director, Boston Consulting Group



JF Bobier is leading BCG quantum computing R&D efforts within The BCG Deeptech Mission initiative. With BCG, he advises Fortune 500 companies on building quantum computing into their digital transformation roadmaps and is writing a series of articles on the impact on quantum in society (climate change), industry (biopharma, financial services) and the future of computing.



Kevin Callaghan, Co-Founder and CEO, QuantFi



Kevin is co-founder and COO of QuantFi, a quantum computing startup specializing in applications for finance. Kevin's background is institutional finance and investment banking in the US and Asia. QuantFi is his first venture in Europe.

Quantfi champions young quantum scientists by sponsoring and hiring PhD students and post-doctoral researchers to work on a combination of fundamental and applied research topics aimed to benefit financial service firms. Our corporate and academic partners are world-leading institutions who share a long-term vision of the promise of quantum science to benefit society. For finance, these benefits include safer financial markets.

Fred Chong, Seymour Goodman Professor of Computer Science, University of Chicago



Fred Chong is the Seymour Goodman Professor in the Department of Computer Science at the University of Chicago. He is also Lead Principal Investigator for the EPIQC Project (Enabling Practical-scale Quantum Computing), an NSF Expedition in Computing. Chong received his Ph.D. from MIT in 1996 and was a faculty member and Chancellor's fellow at UC Davis from 1997-2005. He was also a Professor of Computer Science, Director of Computer Engineering, and Director of the Greenscale Center for Energy-Efficient Computing at UCSB from 2005-2015. He is a recipient of the NSF CAREER award, the Intel Outstanding Researcher Award, and 8 best paper awards. His research interests include emerging technologies for computing, quantum computing, multicore and embedded architectures, computer security, and sustainable computing.



Aneesh Chopra, Co-Founder and President, CareJourney



Aneesh Chopra is the President of CareJourney, an open data membership service building a trusted, transparent rating system for physicians, networks, facilities and markets on the move to value. He served as the first U.S. Chief Technology Officer under President Obama ('09-'12) and in 2014, authored, "Innovative State: How New Technologies can Transform Government." He serves on the Boards of the Health Care Cost Institute, International Digital Accountability Council, and the New Jersey Innovation Institute, earned his MPP from Harvard Kennedy School and BA from The Johns Hopkins University.

Paul M Dabbar, Under Secretary for Science, Department of Energy



The Honorable Paul M. Dabbar, Under Secretary for Science, serves as the Department's principal advisor on fundamental energy research, energy technologies, and science, driving this mission through programs including nuclear and high energy particle physics, basic energy, advanced computing, fusion, and biological and environmental research, and direct management over a majority of the Department's national labs and their world-leading user facilities. In addition, Mr. Dabbar manages the environmental and legacy management missions of the Department, addressing the U.S. legacy of nuclear weapons production and government-sponsored nuclear energy research. In addition, Mr. Dabbar is the lead for technology commercialization activities for the Department and its 17 national labs.

Prior to confirmation as Under Secretary for Science, Mr. Dabbar worked in operations, finance, and strategy roles in the energy sector. As a Managing Director at J.P. Morgan, leading various energy business areas, he has over \$400 billion in investment experience across all energy sectors including solar, wind, geothermal, distributed-generation, utility, LNG, pipeline, oil & gas, trading, and energy technologies, and has also led the majority of all nuclear transactions. In addition, he had a senior leadership role for the company's commodity trading business, including power, oil and gas.

Before joining J.P. Morgan, Mr. Dabbar served as a nuclear submarine officer in Mare Island, California, and Pearl Harbor, Hawaii, including deploying to the North Pole where he conducted environmental research. He also served on the Department of Energy Environmental Management Advisory Board. He has been a lecturer at the U.S. Naval Academy, and conducted research at the Johns Hopkins Applied Physics Laboratory. He is also a member of the Council on Foreign Relations.

Mr. Dabbar received a B.S. degree from the U.S. Naval Academy, and a masters degree from Columbia University. Mr. Dabbar and his wife, Andrea, are the parents of two children.



Brian DeMarco, Professor of Physics, Associate Head for Undergraduate Programs in Physics, Director of the NSF Quantum Leap Challenge Institute for Hybrid Quantum Architectures and Networks (QLCI-HQAN), University Illinois Urbana-Champaign



Professor Brian DeMarco has advanced the frontier of quantum physics for more than two decades. His research team at Illinois has developed innovative techniques to expand our understanding of materials using quantum simulation. In his role as the Chair of the NASA Fundamental Physical Sciences Board, DeMarco has helped to grow US quantum space science, including establishing the Cold Atom Lab on the International Space Station and initiating the future Deep Space Quantum Link. As Director of the new NSF Quantum Leap Challenge Institute for Hybrid Quantum Architectures and Networks, DeMarco will lead an interdisciplinary and multi-institution team of researchers to tackle a central problem: scaling quantum computing and developing new applications for distributed systems. DeMarco also has a strong interest in education. He has provided key leadership in modernizing physics education and navigating the transition to remote learning as the Associate Head for one of the largest undergraduate physics programs in the nation.

Bill Fefferman, Assistant Professor of Computer Science, University of Chicago



Bill Fefferman is an assistant professor in the computer science department at the University of Chicago. His primary research interest is quantum computing, focused on developing tools that provide the foundation for building the next generation of useful quantum algorithms, with implications for cryptography, physics, and computational complexity theory. Fefferman received his doctorate in computer science at Caltech and held research positions at the University of California at Berkeley and at the University of Maryland/National Institute of Standards and Technology (NIST).



Yianni Gamvros, Head of Business Development, QC Ware



Yianni Gamvros is Head of Business Development at QC Ware, where he is responsible for the company's product direction, sales, and business partnerships. Prior to QC Ware, Yianni was part of IBM's sales leadership, covering IBM's products on AI/ML, optimization, and predictive analytics for close to 10 years. Before that, he worked on optimization consulting at ILOG, which was integrated into IBM. He holds a PhD in Operations Research from the University of Maryland, College Park.



Pranav Gokhale, Co-founder and CEO, Super.tech



Pranav Gokhale is the CEO and co-founder of [Super.tech](#), a quantum software startup that is closing the gap from near-term quantum hardware to practical applications. He recently defended his PhD in computer science from UChicago, where his research focused on breaking the abstraction barriers between quantum hardware and software. Pranav's research led to several awards and fellowships. Previously, Pranav studied computer science and physics at Princeton University, from where he graduated in 2015.



Brad Henderson, CEO, P33



Brad is the founding CEO of P33 where he is leading the nonprofit organization to drive global technology leadership for Chicago and inclusive economic growth for all. He brings twenty-plus years of professional experience and brings a deep understanding of how to unlock economic opportunities that benefit businesses and individuals to P33's efforts.

Originally from a small town in southern Ohio, he received a scholarship to attend the University of Chicago. Brad joined from Boston Consulting Group (BCG), where he was senior partner and managing director in the Chicago office. Brad joined BCG as a summer associate in 2000, and quickly rose through the ranks to spend 2006 in the Mumbai, India office as part of the BCG Ambassador Program and later lead BCG's North American Operations Practice.

Brad is an active leader in the Chicago community, serving on the board of trustees for the Chicago History Museum, the Association House in Humboldt Park and Interfaith Youth Core. He also serves on the board of ACCION US Network and Impact Engine. He was a BCG Bruce Henderson Institute (BHI) Fellow and is a member of the World Economic Forum Young Global Leaders program.

A Rhodes Scholar, Brad has earned multiple degrees with distinction, including a Bachelor of Arts in Economics with Honors (1997-2001) and Master of Arts in Social Science from the University of Chicago (2000-2001), a Master of Science in Economic and Social History from University of Oxford Balliol College (2001-2002).



Taha Jaffer, Head of Wholesale Banking and Global Treasury AI, Scotiabank



Taha Jaffer is the head of Wholesale Banking and Treasury AI at Scotiabank. He is the lead data scientist in Scotiabank's Data Science and Analytics Lab and is responsible for large-scale AI projects in Global Treasury, Global Banking & Markets, Commercial Banking, and Wealth. Before Scotiabank, Taha was a Special Advisor (AI) to TD's EVP of Digital where he served as Technical Lead for the \$100M Layer 6 acquisition. He was a Principal at the Carlyle Group and held positions in multiple asset management firms with a focus on alternative investments. He holds a Master's in Mathematical Finance and Ph.D. in Engineering from the University of Toronto.



Rafal Janik, Head of Product, Xanadu



Rafal Janik is the Head of Product at Xanadu, where he leads the development and delivery of Xanadu's flagship product, the Xanadu Quantum Cloud. He specializes in commercializing deep tech projects and has over 10 years of experience of leading software and machine learning teams in both large enterprises and high growth startups. Rafal holds a MSc in Biophysics from the University of Guelph.

Liang Jiang, Professor of Molecular Engineering, University of Chicago; Amazon Scholar



Prof. Jiang received his BS from Caltech in 2004 and PhD from Harvard University in 2009. He then worked as a Sherman Fairchild postdoctoral fellow at Caltech. In 2012, Jiang joined the faculty of Yale University as an assistant professor and later as an associate professor of Applied Physics. He was awarded the Alfred P. Sloan Research Fellowship, and the David and Lucile Packard Foundation Fellowship in 2013. In 2019, Jiang moved to his current position as professor at the University of Chicago Pritzker School of Molecular Engineering.



Raghu Kulkarni, Vice President of Data Science, Discover Financial Services



Raghu Kulkarni is the Vice President, Data Science at Discover Financial Services. His primary responsibilities include leading Fraud, Collections and Anti Money Laundering model development teams, and Machine Learning (ML) research. His specific focus in the last couple of years has been on researching interpretability and bias detection in ML models. At the same time, explore newer techniques such as graph theory, and Adversarial Models for fraud applications. With the evolution of ML methodologies and availability of alternative data, Raghu's focus is on maintaining traditional modeling discipline and adhering to the compliance guidelines.

He started out as a modeler and has had stints in Model Risk Management, Credit Risk strategy and AML. Raghu holds PhD in Ag and Applied Economics and M.S in Industrial Engineering from Texas Tech University.

Prem Kumar, AT&T Professor of Information Technology, Electrical Engineering and Computer Science, Northwestern University



Prem Kumar is Professor of Information Technology in the McCormick School of Engineering at Northwestern University. His primary appointment is in the department of Electrical and Computer Engineering and he also has a courtesy appointment in the Department of Physics and Astronomy. His research focus is on quantum photonic devices and their applications: generation, distribution, and ultrafast processing of photonic entanglement for applications in quantum information networks; novel quantum light states for precision measurements, imaging, and sensing; and novel optical amplifiers and devices for networked optical communications. Ph.D. graduates from his research group (34 completed & 4 in progress) have gone on to build careers in academia, industry, and US national labs. His group has cumulatively published >500 research papers (h-index: 58). During 2013-2017, Dr. Kumar was a Program Manager at DARPA, where he created and managed a portfolio of programs in basic and applied sciences. He was selected Program Manager of the Year in 2015 and awarded the Secretary of Defense Medal for Outstanding Public Service in 2016. He is a Fellow of OSA, APS, IEEE, IoP (U.K.), AAAS, and SPIE. He has been a Distinguished Lecturer for the IEEE Photonics Society, Hermann A. Haus Lecturer at MIT, recipient of the Quantum Communication Award from Tamagawa University in Tokyo, Japan, and the Walder Research Excellence Award from the Provost's office at Northwestern University.

Matt Langione, Principal, Boston Consulting Group



Matt Langione, authored one of the most frequently cited publication on the topic of quantum computing’s value to business and society, [“Where Will Quantum Computers Create Value –and When?”](#), which forms the basis for a TED talk that will be released in October of 2020. With BCG, he advises Fortune 500 companies on building quantum computing into their digital transformation roadmaps and is writing a series of articles on the topic by industry ([“Will Quantum Computing Transform BioPharma R&D?”](#) will be followed by deep dives into use cases in finance and materials science in 2020). He has addressed audiences at all the major conferences in the field (Q2B, IBM Q Summit, AI World, IEEE), including a 2019 keynote on [“The Business Potential of Quantum Computing”](#) at the industry’s most established conference, Q2B. He is a member of the U.S. Government’s Quantum Economic Development Consortium (QED-C), which is responsible for disbursing the \$1.3B in funding established by the National Quantum Initiative for use cases and research. Beyond quantum computing, Matt publishes regularly on AI, startups and other topics at the nexus of science, business and policy. In recent weeks he has co-authored a paper with the Director of IBM Research, Dario Gil, entitled [“We Need a New International Organization: The Science Readiness Reserves”](#), and another on the efficacy of contact tracing ([“The Case for Human-Centered Contact Tracing”](#)).



Kayla Lee, Growth Product Manager, Community Partnerships at IBM Quantum & Qiskit



Dr. Kayla Lee is a growth product manager at IBM Quantum. In this capacity, she leads strategic initiatives to grow the open source Qiskit Community with new global partnerships, designs engagement opportunities to provide skill development and technical exploration, and creates pathways to a diverse and equitable quantum workforce. She is motivated to make complex, scientific topics like quantum computing and emerging technology not only accessible, but also engaging. Kayla partners with students, researchers, and clients worldwide to address technical challenges with new computing technologies.

Kayla joined IBM Quantum in 2018 as an industry consultant, where she worked with several Fortune 500 companies to explore potential quantum computing applications across industries, including healthcare & life sciences, financial services, and media & entertainment.

Kayla holds a BS in Molecular Biology from Hampton University and a PhD in Systems Biology from Harvard University. You can find more about her at <https://www.linkedin.com/in/kaylablee/>.

Margaret Martonosi, Assistant Director, Computer and Information Science and Engineering (CISE), National Science Foundation



Margaret Martonosi is the US National Science Foundation's (NSF) Assistant Director for Computer and Information Science and Engineering (CISE). With an annual budget of more than \$1B, the CISE directorate at NSF has the mission to uphold the Nation's leadership in scientific discovery and engineering innovation through its support of fundamental research and education in computer and information science and engineering as well as transformative advances in research cyberinfrastructure. While at NSF, Dr. Martonosi is on leave from Princeton University where she is the Hugh Trumbull Adams '35 Professor of Computer Science.

Dr. Martonosi's research interests are in computer architecture and hardware-software interface issues in both classical and quantum computing systems. Her work has included the widely-used Wattch power modeling tool and the Princeton ZebraNet mobile sensor network project for the design and real-world deployment of zebra tracking collars in Kenya. Dr. Martonosi is an elected member of the American Academy of Arts and Sciences, and a Fellow of the Association for Computing Machinery (ACM) and the Institute of Electrical and Electronics Engineers (IEEE). She has received numerous awards including the 2018 IEEE Computer Society Technical Achievement Award, the 2019 ACM SIGARCH Alan D. Berenbaum Distinguished Service Award, and numerous long-term impact paper awards, among others.

Roman Onus, Ikerbasque Research Professor, Donostia International Physics Center (DIPC); Co-founder and CSO of Multiverse Computing



Prof. Román Orús is Ikerbasque research professor at the Donostia International Physics Center (DIPC) in San Sebastián, Spain, and co-founder and CSO of Multiverse Computing. After obtaining his degree and PhD in Physics at the University of Barcelona in 2006, he worked as a research fellow at the University of Queensland, Australia, and the Max Planck Institute of Quantum Optics, Germany, as well as a junior professor at Johannes Gutenberg-Universität in Mainz, Germany. He was also visiting professor at the Université Paul Sabatier – CNRS, France, and at the DIPC. Dr Orús has achieved several awards for his work, including a Marie Curie Incoming International Fellowship, and the Early Career Prize (2014) by the European Physical Society. He has written more than 70 scientific articles about quantum research cited around 5000 times, and is founding and coordinating editor of the journal Quantum, member of the ‘Quantum for Quants’ (Q4Q) commission of the Quantum World Association, partner at Entanglement Partners, and president of the Specialized Group on Quantum Information at the Spanish Royal Society of Physics.



Marco Pistoia, Managing Director, Head of Research & Engineering, JPMorgan Chase & Co



Marco Pistoia, Ph.D. is Managing Director, Head of Research and Engineering at JPMorgan Chase & Co. Formerly, he was a Senior Manager, Distinguished Research Staff Member and Master Inventor at the IBM Thomas J. Watson Research Center in New York, where he managed an international team of researchers responsible for Quantum Computing Algorithms and Applications. He is the inventor of 210 patents, granted by the U.S. Patent and Trademark Office, and 285 patent-pending applications, 26 of which are in the area of Quantum Computing. Dr. Pistoia received his Ph.D. in Mathematics from New York University in May 2005. He has written two books and over 80 scholarly articles on various aspects of Program Analysis, Language-Based Security, and Quantum Computing. Dr. Pistoia has been the recipient of several awards, including five Best Paper Awards (three ACM SIGSOFT Distinguished Paper Awards at the ACM ISSTA 2007, 2011 and 2014 conferences, respectively, a Best Paper Award at the ACM IUI 2017 conference, and an Honorable Mention at the IEEE VL/HCC 2017 Symposium). Dr. Pistoia has lectured at numerous research institutions worldwide, including Harvard, Massachusetts Institute of Technology (MIT), Eidgenössische Technische Hochschule (ETH) Zürich, The Royal Society of London, Israel Institute of Technology, University of Maryland, Dartmouth College, École Normale Supérieure, University of Melbourne, and Danmarks Tekniske Universitet (DTU).



JB Pritzker, Governor, State of Illinois



Governor JB Pritzker was sworn in as the 43rd governor of the state of Illinois on January 14, 2019 and won election with the largest margin of victory over a sitting governor in more than a century.

After taking the oath of office, Governor Pritzker immediately began working with Democrats and Republicans to accomplish one of the most ambitious and consequential legislative agendas in state history. During his first session, the governor passed a balanced budget with a bipartisan majority, making historic investments in education and human services, while restoring fiscal stability to Illinois. The governor also won bipartisan passage for legalization of adult-use recreational cannabis and for Rebuild Illinois, the largest investment in state history to upgrade roads, bridges, rail, broadband, and universities in every corner of the state.

The governor took bold action, putting state government back on the side of working families by creating hundreds of thousands of jobs, raising the minimum wage to a living wage, making college more affordable for nearly 10,000 additional students, and advancing equal pay for women.

A national leader in early childhood education for over 20 years and having organized President Obama's White House Summit on Early Childhood Education, Governor Pritzker this year made childcare and preschool more affordable in Illinois for tens of thousands more families. He also partnered with the Greater Chicago Food Depository and Share our Strength to fight child poverty by expanding school breakfast programs in low income school districts across our state.

Before becoming governor, Pritzker founded 1871, the non-profit small business incubator in Chicago that has helped entrepreneurs create more than 11,000 jobs and more than 1,000 new companies. Since the creation of 1871, Chicago has been named one of the top ten technology startup hubs in the world, and 1871 was named the best incubator in the world. As governor, he has expanded support for new business incubators and cut taxes for hundreds of thousands of small businesses while incentivizing job creation and innovation. He also extended research and development tax credits to help manufacturing workers and businesses thrive, and he worked with the business community to create apprenticeship tax credits to promote job training.

Mark Saffman, Professor of Physics, University of Wisconsin-Madison; Chief Scientist for Quantum Information, Cold Quanta



Mark Saffman is an experimental physicist working in the areas of atomic physics, quantum and nonlinear optics, and quantum information processing. His research team was the first to demonstrate a quantum CNOT gate between two trapped neutral atoms, and the deterministic entanglement of a pair of neutral atoms. This was done using dipole mediated interactions between highly excited Rydberg atoms. He is currently developing scalable neutral atom platforms using arrays of trapped atoms for quantum computation, networks, and sensing.

He is a Professor of Physics at the University of Wisconsin-Madison and Chief Scientist for Quantum Information at ColdQuanta, Inc. He is a fellow of the American Physical Society and the Optical Society of America and has been recognized with the Alfred P. Sloan Fellowship and a University of Wisconsin Vilas Associate Award. He also serves as an Associate Editor for Physical Review A.

Martin Schuetz, Quantum Data Scientist, Amazon Web Services



Martin Schuetz obtained his PhD in the group of Prof. Ignacio Cirac, who was first to propose the ion trap quantum computer in 1995 together with Peter Zoller, at the Max-Planck Institute for Quantum Optics in Germany (MPQ). After his PhD he has led a junior research group at MPQ before moving to Harvard University to work as a postdoctoral researcher in the group of Prof. Mikhail Lukin. At Harvard he spearheaded an international research project on quantum optimization for hard combinatorial problems. With around 20 publications in journals such as Nature Physics, Physical Review Letters and Physical Review X, he has made several contributions to the field of quantum computing and simulation. Martin now works at the Amazon Quantum Solutions Lab.

Jai Shekhawat, Founder and former CEO, Fieldglass



Jai Shekhawat is the Founder and former CEO of Fieldglass, a cloud platform for the management of contingent labor and services. Under his leadership, Fieldglass grew globally with users in 150+ countries in 50 languages and emerged as the largest firm in the world in the fast growing vendor management software category. He was Ernst & Young's 2012 Midwest "Entrepreneur of the Year" as well as the 2012 recipient of the Peter Yessne Staffing Innovator Award, recognized for pioneering the Vendor Management Software (VMS) space. Fieldglass was also recognized as the Illinois Venture Capital Association's 2014 Private Equity Portfolio Company of the Year and has received many other awards. The company was acquired by SAP in 2014.

Jai was previously with McKinsey & Company where he served clients in areas of corporate strategy, technology and cross-border alliances. He is also a former senior executive at Syntel, a software services firm in Michigan and a co-founder of Quinnox, an application outsourcing firm in Chicago, Illinois.

Jai is a Trustee of the Field Museum of Chicago, a Trustee of the Harris Theater for Music and Dance, serves on the Board of 1871 (Chicago's entrepreneurial hub for digital startups) and is a member of the Commercial Club, the Economic Club of Chicago and a Patron of Indiaspora. He is an adviser to Starvest Partners, Method Capital, Chicago Ventures and serves as an Advisory Board Chairman for Madison Dearborn Partners, a private equity firm based in Chicago. He currently serves on the Boards of Fleet Complete, Utopia, Four Kites, SomruS, HealthEngine and BlueCat Networks along with being an investor and adviser to many high growth firms. He is a founding member of the Firestarter Fund, which mentors and invests in Chicago startups. He has previously served on the Mayor's Council of Technology Advisers, the Technology Membership Committee of the Economic Club of Chicago, the Boards of Tie-Midwest, MetroSquash, Semantify, Officeluv, Signal and Highground. He is a frequent speaker on entrepreneurship and strategy at the Kellogg and Booth Business Schools as well as at various industry events.

Jai holds an MBA with specializations in finance and strategy from the J.L. Kellogg School of Management at Northwestern University in Evanston, IL, and a bachelor's degree in management science from the Birla Institute of Technology and Science in Pilani, India.



William Zeng, Head of Quantum Research, Goldman Sachs



Dr. Zeng is a quantum computer scientist who leads the quantum computing research group at Goldman Sachs. He has worked on quantum computing in academia, industry, and non-profits, founding the Unitary Fund and serving as a Visiting Scholar at Stanford. Previously he was an early employee at Rigetti Computing where he ran product and software teams to launch their first quantum computers. He received his PhD in quantum algorithm from Oxford and his BSc in Physics at Yale University.