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**SAN DIEGO CONVENTION CENTER
MAY 10-12, 2022**

**Where Quantum Technology/
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The World's Quantum Internet Event

- 3 Days
- 100+ Speakers
- 34 Sessions
- Virtual / In-Person
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Let's build a quantum future together

When we launched the world's first quantum computer on IBM Cloud in 2016, we were astonished to gain 8,000 users in a few weeks.

Today, we have a community of more than 400,000, the largest in the world. These open-source quantum developers have run more than 1 trillion circuits (and counting) on more than 20 cloud-connected IBM Quantum systems. These are the best quantum computers in the world.

We now have 180+ active clients in the IBM Quantum Network, including Goldman Sachs, The University of Tokyo, Fraunhofer, and Cleveland Clinic.

In 2021 we broke the 100-qubit barrier with the 127-qubit Eagle processor. Now we are on track to unveil a 433-qubit Osprey processor by the end of 2022 and a 1,121-qubit Condor in 2023. Our development roadmap now includes targets for creating new technology necessary to develop even larger quantum systems. This is just the beginning. If you are as excited about what quantum computing can do for your organization as we are, then we should talk.

If you'd like to learn more, please contact us at: hmcortes@us.ibm.com

IBM Quantum



Pacific time	DAY 1 TUESDAY, MAY 10, 2022	
8:45 am	Opening of Conference	Speakers: Kees Eijkel - Chairperson, Business Development Director, QuTech, Delft University of Technology Lawrence Gasman - President, IQT Research
8:55 am	Diamond Sponsor Keynote: The Quantum Enterprise: A Current View and Outlook	Speaker: Joseph S. Broz - Vice President, Quantum Growth and Markets, Thomas J. Watson Research Center, IBM
9:25 am	Special Keynote: AI+Quantum	Speaker: Jack Hidary - CEO, SandboxAQ
9:45 am - 11:50 am	Topic 1: Future Technology Platforms for Quantum Computing <i>The panels in this session will consider the various technologies emerging for quantum processing in the enterprise and elsewhere. It will also discuss whether the future of quantum computing will use multiple processing technologies or whether one type of processing will emerge victorious. There will be special panels on optical and cold quanta processing as well as a panel on whether quantum annealers have a future.</i>	
9:45 am	Keynote: A New Direction in Quantum Processing	Speaker: Paul Lipman - President of Quantum Information Platforms, ColdQuanta
10:05 am	Panel 1: Quantum Processor Executive Roundtable	Moderator: Doug Finke - Consulting Analyst & Managing Editor, Inside Quantum Technology & Quantum Computing Report Speakers: Ravi Pillarisetty - Senior Research Scientist, Intel Jan Goetz - CEO and co-Founder, IQM Richard Murray - Co-founder and CEO, ORCA Computing Alireza Najafi-Yazdi - Founder and CEO, Anyon Systems Andrew Horsley - CEO and Co-Founder, Quantum Brilliance Georges-Olivier Reymond - CEO, PASQAL
10:45 am	Panel 2: Optical Quantum Computers	Moderator: Lawrence Gasman - President, IQT Research Speakers: Pete Shadbolt - Co-founder and Chief Scientific Officer, PsiQuantum Scott Davis - CEO, Vescent
11:10 am	Panel 3: Classiq and ColdQuanta: A Case Study in Partnership	Moderator: Lawrence Gasman - President, IQT Research Speakers: Paul Lipman - President of Quantum Information Platforms, ColdQuanta Yuval Boger - Chief Marketing Officer, Classiq Matt Langione - Partner, Boston Consulting Group
11:35 am	Special Presentation: Quantum Technology Research at Boeing	Speaker: John (Jay) Lowell - Chief Engineer, Senior Technical Fellow, Disruptive Computing & Networks, Boeing
11:50 am - 12:30 pm	Lunch - Room 5 Sponsors' Showcase Pre-recorded presentations start at 12:10 pm. 6A and virtually	
12:30 pm - 2:35 pm	Topic 2: Applications of Quantum Technologies for Security <i>Quantum cyber security is now mainstream and has many applications. This session explores areas where QKD, QRNG, and other quantum solutions are being implemented right now. The speakers involved in their construction will be presenting real-world projects and demonstrating their usability.</i>	
12:30 pm	Keynote: 20 years in building the Quantum Safe Ecosystem for Enterprise and Critical Infrastructure	Speaker: Grégoire Ribordy - CEO, ID Quantique

Pacific time	DAY 1 TUESDAY, MAY 10, 2022 <i>continued</i>	
12:50 pm	Talk 1: The Quantum Threat to Cryptocurrencies – A Quantitative Analysis of the Risk to Bitcoin and Ethereum	
	Speaker: Itan Barmes - Cyber Risk Services, Deloitte	
1:05 pm	Panel 1: Impact of Quantum Technologies on Blockchain	
	Moderator: Robert Campbell - Independent Consultant and Security Researcher, Med CyberSecurity	
	Speakers: Andersen Cheng - CEO, Post-Quantum	
	Ashish Mehta - Chair, Blockchain Working Group, Cloud Security Alliance	
	Ludovic Perret - Co-founder, CPO, CryptoNext Security	
	Michele Mosca - CEO and Co-founder, evolutionQ Inc.	
1:40 pm	Panel 2: QKD for Secure Storage	
	Moderator: Yoann Jestin - CEO and co-founder, Ki3 Photonics	
	Speakers: Devika Sharma - Cryptography, Quantum computing, Weizmann Institute	
	John Prisco - President and Chief Executive Officer, Safe Quantum Incorporated	
2:05 pm	Talk 2: Crypto Agility and the Role of Quantum Entropy	
	Speaker: Bill Becker - Chief Technology Officer, Thales Trusted Cyber Technologies	
2:20 pm	Talk 3: QKD for Critical Infrastructure	
	Speaker: Bruno Huttner - Director of Strategic Quantum Initiatives, and Quantum Key Distribution Expert, ID Quantique	
2:35 pm - 2:55 pm	Break - Room 5	
2:55 pm - 4:45 pm	Topic 3: Evolution of Quantum Insecurity and Encryption in the Enterprise	TOSHIBA
	<i>Data security in the enterprise is now an industry all on its own. However, quantum technology presents both a new set of challenges and new roads to security. This session examines the roadmaps for the quantum-safe enterprise as well as roadmaps for QKD, QRNGs and PQC from an end-user perspective.</i>	
2:55 pm	Keynote	
	Speakers: Taro Shimada - Representative Executive Officer, President and Chief Executive Officer, Toshiba Corporation	
	Marco Pistoia - Managing Director, Head of FLARE, Distinguished Engineer, JPMorgan Chase & Co.	
3:15 pm	Panel 1: QKD: Chips and Applications	
	Moderator: Cathal Mahon - Senior Executive Advisor, University of Copenhagen	
	Speakers: John Prisco - President and Chief Executive Officer, Safe Quantum Incorporated	
	Corey McClelland - Vice President, Qubitekk, Inc.	
3:40 pm	Panel 2: Emerging PQC Products and Standards	
	Moderator: David Shaw - Director, Fact Based Insight	
	Speakers: Michael Redding - CTO, Quantropi	
	Dustin Moody - Mathematician, Computer Security Division, National Institute of Standards and Technology (NIST)	
	Michael Osborne - IBM Head Of Crypto-logical Research, IBM Zurich Lab	
	Johann Polecsak - Co-Founder and CTO, QANplatform	
4:15 pm	Talk 1: The Role of QRNGs I	
	Speaker: John Leiseboer - CTO, QuintessenceLabs	
4:30 pm	Talk 2: The Role of QRNGs II	
	Speaker: Thomas Stengel - Senior Director of QRNG Business Development, ID Quantique	
4:50 pm	Wrap-up Discussion and Highlights for Wednesday	
	Speaker: Kees Eijkel - Chairperson, Business Development Director, QuTech, Delft University of Technology	
5:00 pm	Welcome Reception - Exhibits Open	
6:30 pm	Exhibits Close	
6:40 pm	Baseball Game	



DELIVERING ON THE SCALABLE QUANTUM PROMISE

ColdQuanta is a global quantum technology company solving the world's most challenging problems. The company harnesses quantum mechanics to build and integrate quantum computers, sensors, and networks. From fundamental physics to leading edge commercial products, ColdQuanta enables "quantum everywhere" through our ecosystem of devices and platforms.

ENABLING THE QUANTUM ECOSYSTEM

"One company could own the quantum product spectrum. ColdQuanta has an established quantum technology and deep patent portfolio that can be widely applicable across the quantum spaces: from positioning and telemetry systems all the way to quantum computers..." -Mewburn Ellis

80+ Ph.D. Physicists & Engineers

One of the largest pools of quantum talent in the industry

\$17M in 2021 150%+ Growth Rate

Fortune 500 & 30 government agency customers

Global Footprint in Quantum Hubs

Boulder, CO HQ with offices in Madison, WI and Oxford, UK

CORE IP ENABLES MULTIPLE

QUANTUM PLATFORMS & OPPORTUNITIES



Quantum Information Platforms

We're building two scalable quantum information platforms, accessible via the cloud:

Hilbert: Universal and scalable quantum computing platform & **Albert:** Albert delivers quantum matter at the push of a button, enabling the power to control, design, and explore a real quantum system remotely.



Quantum Research & Security Solutions

ColdQuanta discovers breakthrough technology in support of government and commercial enterprises through research and development across a broad range of applications, including: high precision clocks, navigation, radio frequency receivers, and quantum networking and communications.



Quantum Picks & Shovels

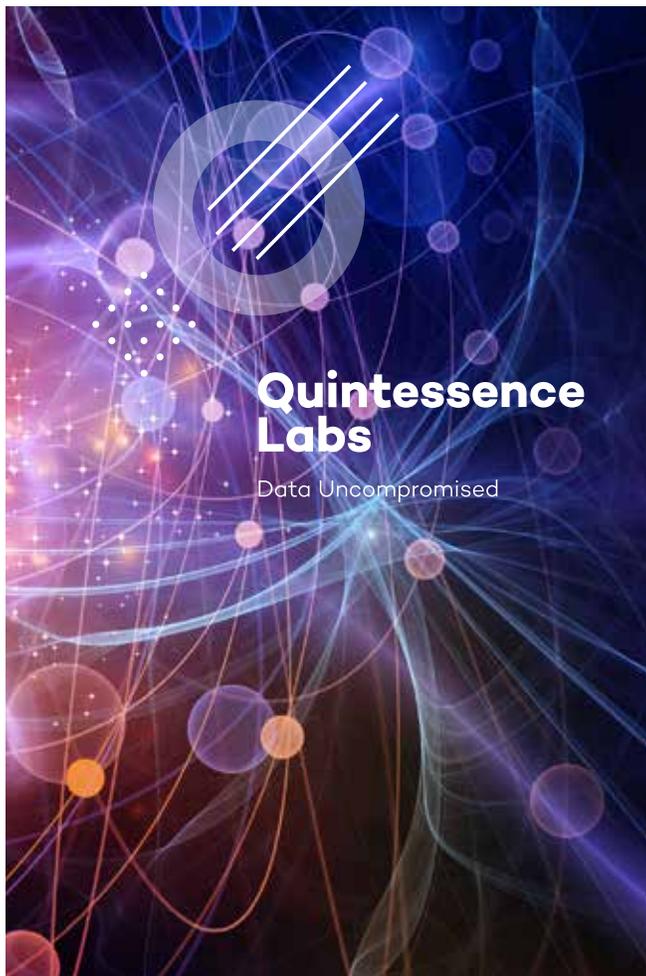
ColdQuanta offers a portfolio of quantum devices and machines for use in quantum systems and applications. ColdQuanta's components will be inside everybody's quantum things. The "picks and shovels" enable not just our own quantum products, but those of many other industry players.

Learn more at ColdQuanta.com

Pacific time	DAY 2 WEDNESDAY, MAY 11, 2022	
8:45 am	Opening of Conference	Speaker: Kees Eijkel - Chairperson, Business Development Director, QuTech, Delft University of Technology
8:50 am	Special Keynote Presentation	Speaker: Ilyas Khan - CEO, Quantinuum
9:10 am - 11:10 am	Topic 1: Software, Algorithms and Programming <i>The practical implementation of quantum computing will require a mature quantum software industry. However, right now this sector is in a state of flux. This session will repeat the very popular CEO summit that began with IQT's Fall Conference in 2021. We also consider how quantum computer languages will evolve. We also take a look at how quantum is being used to enable AI and machine learning.</i>	
9:10 am	Keynote	Speaker: William Cunningham - Head of Quantum Software, Agnostiq
9:30 am	Panel 1: Software CEO Summit	Moderator: Lawrence Gasman - President, IQT Research Speakers: Nir Minerbi - Co-Founder and CEO, Classiq Christopher Savoie - CEO & Founder, Zapata Computing Matt Johnson - CEO, QC Ware
10:05 am	Talk 1: Manufacturing and Miniaturization	Speaker: John Levy - Co-founder and CEO, Seeqc
10:20 am	Talk 2: Accelerating Sustainable Transformation through Quantum Computing, ML and Web3	Speaker: Carlos Kuchkovsky - CEO, QCentroid
10:35 am	Talk 3: Picking the Right Stack for Your Quantum Applications	Speakers: Megan Kohagen - Lead Quantum Computing Applications Engineer, Quantinuum Mark Jackson - Quantum Evangelist, Quantinuum
10:50 am	Panel 2: Quantum, AI and Machine Learning	Moderator: Doug Finke - Consulting Analyst & Managing Editor, Inside Quantum Technology & Quantum Computing Report Speakers: Kam Chana - Director, Merck Research Labs Florian Neukart - Chief Product Officer, Terra Quantum Vishal Chatrath - Co-founder and CEO, QuantroIOx
11:15 am	Panel 3: The Future of Quantum Computer Languages	Moderator: Cathal Mahon - Senior Executive Advisor, University of Copenhagen Speakers: Joe Fitzsimons - CEO, Horizon Quantum Computing Bettina Heim - Senior Software Engineering Manager, Microsoft Pranav Gokhale - Co-founder and CEO, Super.tech
11:40 am - 12:30 pm	Lunch - Exhibit Hall Sponsors' Showcase Pre-recorded presentations start at 12:10 pm. 6A and virtually	
12:30 pm - 2:30 pm	Topic 2: Quantum Clouds and the Quantum Data Center <i>At the heart of the coming quantum enterprise will be the quantum data center. At the present time, however, the jury is out on what that will look like. Will cloud technology predominate and if so what will look like? And will smaller, rack-based quantum "minicomputers" begin to emerge for the enterprise data center and if so when? This session will examine the future of the quantum cloud, the rise of the quantum data center and the security and protocol/performance testing that will make them possible.</i>	
12:30 pm	Keynote: Quantum and the Cloud – A Love Story	Speaker: Richard Moulds - General Manager, Amazon Braket

Pacific time	DAY 2 WEDNESDAY, MAY 11, 2022 <i>continued</i>	
12:50 pm	<p>Panel 1: What the Quantum Data Center will look like Moderator: David Shaw - Director, Fact Based Insight Speakers: Domenico Di Mola - VP of Engineering, Juniper Networks Reza Nejabati - Chair Professor, Intelligent Networks, Head of the High-Performance Network Group, Department of Electrical and Electronic Engineering, University of Bristol, UK Dominik Andrzejczuk - Founder, Atmos Ventures Vincent van Wingerden - Technical Architect Data & AI, Microsoft Jean-Dominique Coste - Senior Manager, Airbus Blue Sky, Airbus</p>	
1:30 pm	<p>Talk 1: A Framework for Organization to Plan Quantum Computing Adoption Speaker: Rebel Brown - Vice President of Strategy & Marketing, Quantum Computing Inc.</p>	
1:45 pm	<p>Panel 2: Security on the Quantum Cloud Moderator: Dillion Cottrill - Senior Associate Analyst, IQT Research Speakers: Bruno Huttner - Director of Strategic Quantum Initiatives, and Quantum Key Distribution Expert, ID Quantique Vince Berk - Chief Revenue and Strategy Officer, Quantum Xchange Denis Mandich - CTO, Qrypt</p>	
2:05 pm	<p>Talk 2: Quantum Computers for the Quantum Data Center Speaker: George Gesek - CTO, QMware</p>	
2:20 pm	<p>Panel 3: Test and Measurement in the Quantum Technology Industry Moderator: Stephan Koch - Quantum Business Executive Speakers: Joseph Emerson - Head of Quantum Strategy, Keysight Technologies Inc. Former CEO and Chief Scientist at Quantum Benchmark Inc. Professor of Applied Math at the Institute for Quantum Computing at the University of Waterloo Jack DeGrave - Business Development Scientist, FormFactor Roni Winik - Postdoctoral Associate, Research Laboratory of Electronics, MIT Engineering Quantum Systems</p>	
2:40 pm - 3:10 pm	<p>Break - Exhibit Hall</p>	
3:10 pm - 5:10 pm	<p>Topic 3: Policy, Funding and IP Issues <i>The evolution of enterprise quantum will be highly dependent on an institutional framework and legal evolving in terms of standards, international regulation, corporate funding and workforce development. This session is designed to show where these complex matters are headed and the factors that are currently shaping them.</i></p>	
3:10 pm	<p>Keynote Speakers: Matthew Marrone - Intellectual Property Attorney, McAndrews Rami Moussa - Shareholder, McAndrews</p>	
3:30 pm	<p>Talk 1: Commercialization of Quantum Computing Speaker: Paul Dabbar - CEO and Co-Founder, Bohr Quantum Technologies</p>	
3:45 pm	<p>Talk 2: Quantum Technology and National Security Speaker: Edward Parker - Physical Scientist, RAND Corporation</p>	
4:00 pm	<p>Talk 3: Evolution of Financing for Quantum Computing Speaker: whurley - Founder and CEO, Strangeworks</p>	
4:15 pm	<p>Talk 4: Update on Quantum Computing Standards Speaker: Barbara Goldstein - Associate Director, Program Manager, NIST</p>	

Pacific time	DAY 2 WEDNESDAY, MAY 11, 2022 <i>continued</i>
4:30 pm	Talk 5: The Impact of the Quantum Internet Speaker: David Awschalom - Director, Chicago Quantum Exchange
4:45 pm	Panel 1: IP Issues in the Quantum Technology Industry Moderator: Matthew Marrone - Intellectual Property Attorney, McAndrews Speakers: Wil Oxford - Founder and CEO, Anametric Joseph Emerson - Head of Quantum Strategy, Keysight Technologies Inc., Former CEO and Chief Scientist at Quantum Benchmark Inc., Professor of Applied Math at the Institute for Quantum Computing at the University of Waterloo whurley - Founder and CEO, Strangeworks Stephan Koch - Quantum Business Executive
5:10 pm	Panel 2: Building a Quantum Workforce Moderator: Christopher Bishop - Chief Reinvention Officer, Improving Careers Speakers: Tina Brower-Thomas - Principal Investigator Center for Integrated Quantum Materials, Howard University Rachel Zuckerman - Program Director, The Coding School, Qubit x Qubit Greg Ramsay - VP Corporate Operations, Zapata Computing
5:35 pm	Wrap-up Discussion and Highlights for Thursday Speaker: Kees Eijkel - Chairperson, Business Development Director, QuTech, Delft University of Technology
5:40 pm	Exhibit Hall



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Quebec has its own quantum strategy for the advancement of the sector

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Quantum technologies evolving within a flourishing tech sector:
230,000+ IT Professionals
Almost 10,000 companies in Quebec

Diversified and well-developed industries:
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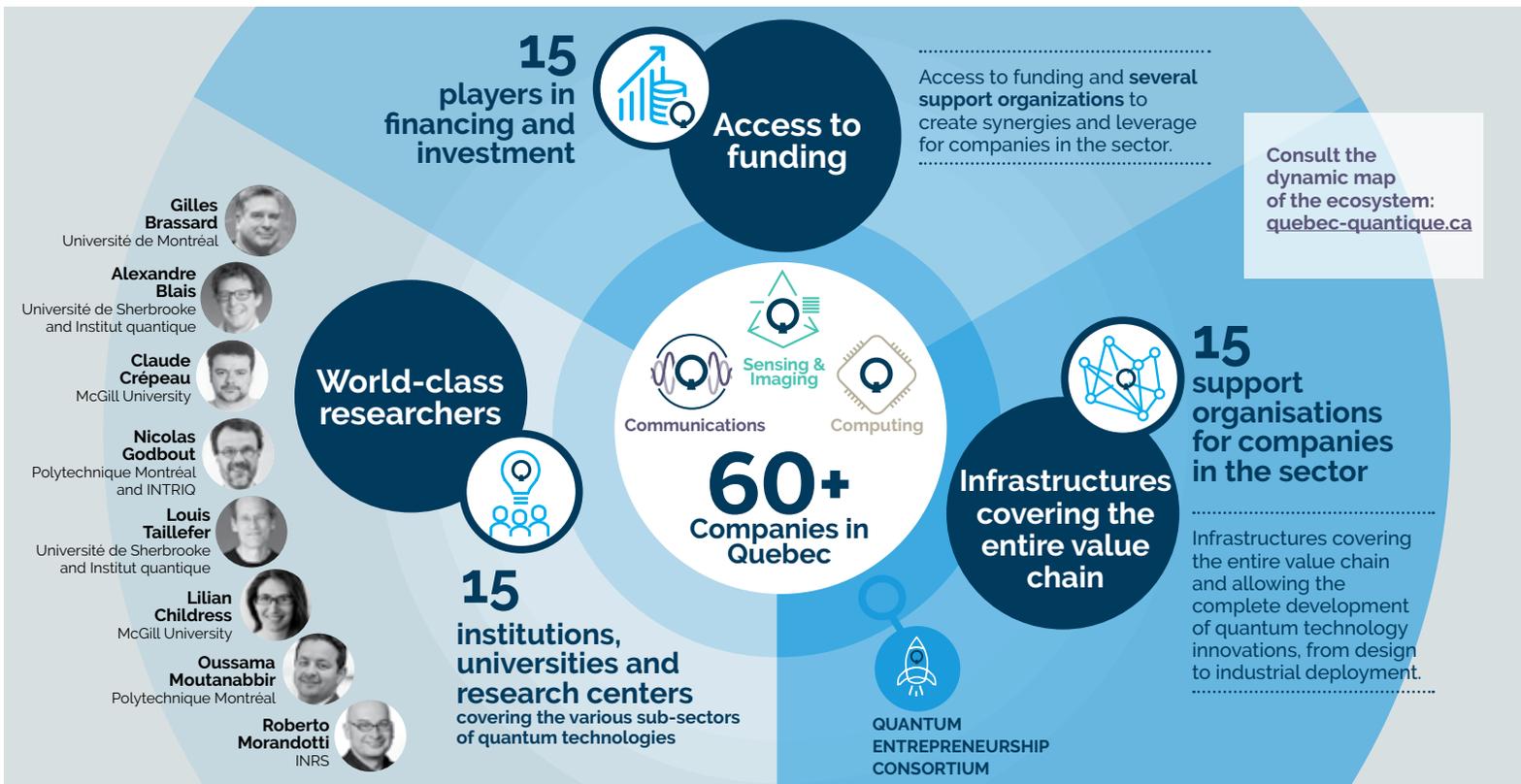
COMMITTED GOVERNMENTS

QUÉBEC
 \$100M over 7 years
 2019 - 2026

CANADA
 \$360M over 7 years
 2021 - 2028

PROJECTIONS FOR QUEBEC IN 2040
 \$27B in revenue
 45,000 jobs

Quebec has all the right ingredients to launch and grow a quantum technology company



AN EXCEPTIONAL TALENT POOL

18 universities, 10 of which offer engineering programs, with campuses spread across the province.

500,000 post-secondary students including 300,000 university students and 87,000 international students.

90,000 university graduates each year.

30,000 university students enrolled in programs related to quantum technologies.



Among the best enrolment rates in the OECD

1/3

of R&D jobs in Canada are in Quebec

45%

of the population is bilingual (French and English)

Public Partner



Pacific time	DAY 3 THURSDAY, MAY 12, 2022	
7:45 am	Women in Quantum Breakfast meeting... open to all attendees	Sponsored by 
8:45 am	Opening of Conference Speaker: Kees Eijkel - Chairperson, Business Development Director, QuTech, Delft University of Technology	
8:50 am - 10:40 am	Topic 1: Quantum Computing in the Financial Services Industry <i>Banks, insurance companies, credit card firms and other financial institutions have shown a strong interest in making use of the latest quantum technologies. These technologies promise to boost profits and reduce losses from fraud and hacking. In the panels in this session we will hear from end users, service providers and technologists on how quantum technology will evolve in the financial services industry. This session is one of three on the third day of the conference that looks at enterprise quantum from an end-user perspective.</i>	
8:50 am	Keynote: Applications of IonQ Quantum Computers in Finance Speaker: Sonika Johri - Senior Quantum Applications Research Scientist, IonQ	
9:10 am	Panel 1: Use Cases for Quantum Computers in Banks Moderator: Katherine Londergan - Chief Marketing Officer, Zapata Computing Speakers: Esperanza Cuenca Gomez - Head of Strategy and Outreach, Multiverse Computing Peter Bordow - Senior Vice President, Principal Architect, Post Quantum Cryptography, Quantum Systems & Emerging Technology Leader, Information and Cyber Security – Emerging Technologies, Wells Fargo & Company Roland Fejfar - Head TechBD EMEA/ APAC, Co-Founder, Morgan Stanley	
9:40 am	Panel 2: Practical Implementation of Quantum Computers in Financial Institutions Moderator: Brian Lenahan - Founder and Chair, Quantum Strategy Institute, Author: Quantum Boost Speakers: Steve Flinter - Vice President, Artificial Intelligence and Machine Learning, Mastercard Labs Research & Development Elton Zhu - Director, Quantum Research, Fidelity Center for Applied Technology Jens Backes - Director, Finalta by McKinsey	
10:10 am	Panel 3: Financial Software and Services Using Quantum Computers Moderator: Stephan Koch - Quantum Business Executive Speakers: Samuel Mugel - CTO and co-founder, Multiverse Computing Peter Tysowski - Consulting Leader for Financial Services, IBM Quantum	
10:40 am	Talk: Quantum Computing at NVIDIA Speaker: Stan Stanwyck - Product Manager, Quantum Computing Software, NVIDIA	
10:55 am	Women in Quantum: Fireside Chat with Nadia Carlsten from AWS - Led by Denise Ruffner Speakers: Nadia Carlsten - Head of Product, AWS, Center for Quantum Computing Denise Ruffner - President, Women in Quantum, Chief Business Officer, Atom Computing	
11:25 am - 12:30 pm	Lunch - Exhibit Hall Sponsors' Showcase Pre-recorded presentations start at 12:00 pm. 6A and virtually	
12:30 pm	Talk: The Future of IBM Processors Speaker: Jerry M. Chow - IBM Fellow and Director, Hardware Infrastructure, IBM Quantum	
12:45 pm - 1:25 pm	Topic 2: New Applications for Quantum Computing <i>In this session, we examine this interest in quantum computing in life sciences and in oil and gas.</i>	

TOSHIBA

QUANTUM KEY DISTRIBUTION

Quantum Cryptography

Securing the future of a digital society

By adopting Quantum Key Distribution, organizations can **protect their communication infrastructure** from today's vast array of cyber-threats, as well as those of tomorrow. Already, hackers are using techniques such as harvest and decrypt, where data is scraped and stored today with the aim of decrypting it once they have the capability to do so through advances with supercomputers, the realization of a **quantum computer**, or the discovery of new techniques for cryptanalysis. With QKD, any data which requires **long-term protection** is not only secure in today's IT landscape, but also **future-proofed** to remain protected in the impending quantum age.

Robust levels of security are required in many sectors. In **healthcare**, the technology has been applied to ensure the

secure transmission of genome data in Japan. Within the **public sector** QKD is used to provide government with secure communications, in the **finance industry** to protect **banking network infrastructure** and in **aerospace** and **pharmaceuticals** to protect high-value long-life **Intellectual Property**. Equally, in the age of IoT and smart cities, the necessity for a robust, **tamper-proof** and **ultra-sensitive infrastructure** is essential to ensure day-to-day life operates without disruption both now and in the future.

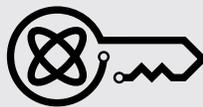
Toshiba is the world leader in high-speed quantum cryptographic systems. Based on decades of scientific research, we have taken on the challenges of this unexplored field and have pioneered the path to practical use.



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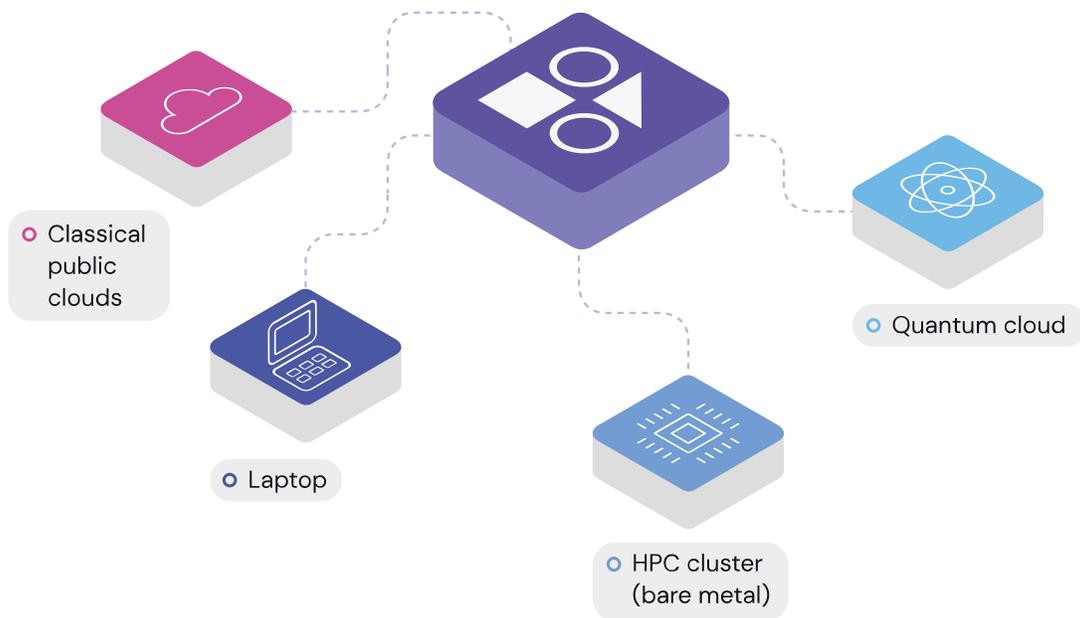
Pacific time	DAY 3 THURSDAY, MAY 12, 2022	
12:45 pm	Panel 1: Life Sciences: Use Cases for Quantum Computing Moderator: Brian Lenahan - Founder and Chair, Quantum Strategy Institute, Author: Quantum Boost Speakers: Thomas Ehmer - Innovation Incubator Lead, Merck KGaA Shahar Keinan - CEO, Polaris Quantum Biotech Matthew Versaggi - Distinguished Engineer, Optum	
1:25 pm	Panel 2: Oil and Gas: Use Cases for Quantum Computing Moderator: Dan O'Shea - Contributing Editor, IQT News Speakers: Andreas Thomasen - Research Software Engineer, QunaSys Bob Parney - IBM Quantum Global Lead Sustainability, Oil and Gas, Chemicals, Industrial Products, Metals, IBM Catherine Lefebvre , Vice President, Strategic Business Development North America, PASCAL	
1:50 pm	Special Keynote Presentation Speaker: Rob Hays - CEO & President, Atom Computing	
2:25 pm - 3:00 pm	Break (Exhibit Hall closes at 3:00 pm)	
3:00 pm - 4:45 pm	Topic 3: Quantum Computing in Transportation, Logistic and Utilities This final session of the conference hosts end-user panelists across a wide spectrum of industries with a special focus on those where quantum technology is being deployed by large pioneer companies.	
3:00 pm	Keynote Speaker: Alireza Najafi-Yazdi - Founder and CEO, Anyon Systems	
3:20 pm	Talk 1: Quantum Computing at Deutsche Bahn Speaker: Manfred Rieck - VP Individual Solution Development, TecCo Quantum Tech, Deutsche Bahn AG	
3:35 pm	Panel 1: Automotive Industry: Use Cases for Quantum Technology Moderator: Christopher Bishop - Chief Reinvention Officer, Improvising Careers Speakers: Elvira Shishenina - Quantum Computing Lead, BMW Group Thomas Stengel - Senior Director of QRNG Business Development, ID Quantique Wolfgang Mergenthaler - Founder and CEO, Frankfurt Consulting Engineers	
4:00 pm	Panel 2: Aerospace Industry: Use Cases for Quantum Computing Moderator: Dan O'Shea - Contributing Editor, IQT News Speakers: Michael Hayduk - Deputy Director, Information Directorate, AFRL David Wilkinson - Founder, Dark Star Quantum Lab Daive Venturelli - Associate Director, Quantum, USRA	
4:30 pm	Talk 2: Quantum Applications in Logistics: Air and Maritime Cargo Speaker: Rafael Sotelo - Co-Founder, Quantum-South	
4:45 pm	Conference Wrap-up Speaker: Kees Eijkel - Chairperson, Business Development Director, QuTech, Delft University of Technology	
4:50 pm	Conference Ends	

Program schedule up-to-date as of 5/1/2022. Program is subject to change.



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Topic Sponsor: Applications of Quantum Technologies for Security



Topic Sponsor: Evolution of Quantum Insecurity and Encryption



Topic Sponsor: Software, Algorithms and Programming



Topic Sponsor: Quantum Clouds and the Quantum Data Center



Topic Sponsor: Policy, Funding and Standards Issues



Topic Sponsor: Quantum Computing in the Financial Services Industry



Topic Sponsor: Quantum Computing in Transportation, Logistic and Utilities



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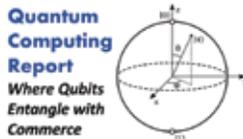
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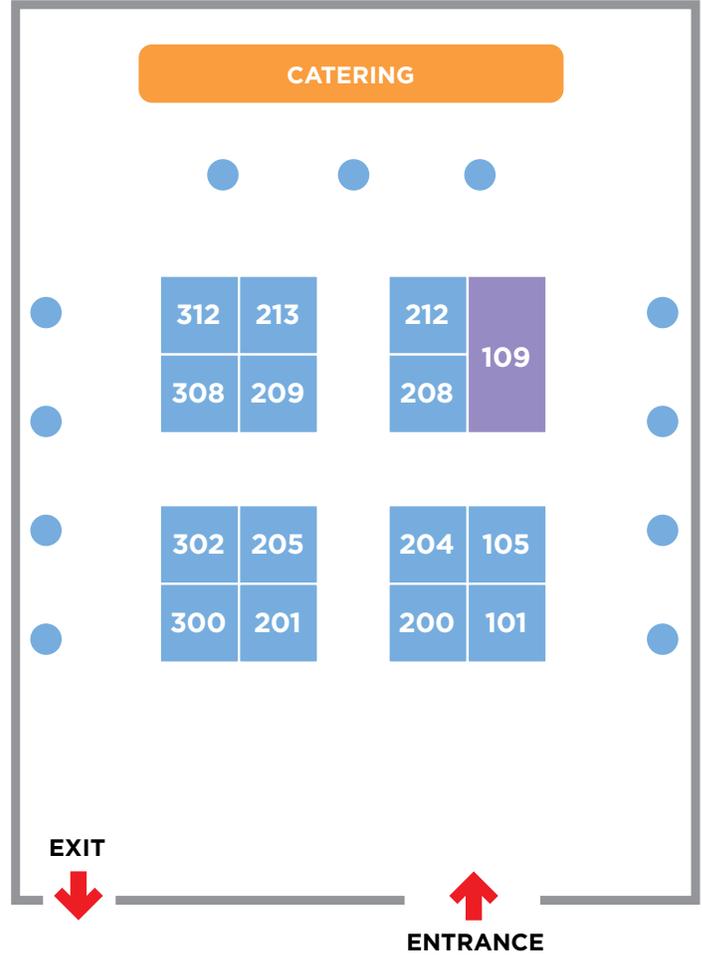
EXHIBIT HALL HOURS

Tuesday, May 10, 2022
 5:00 pm - 6:30 pm

Wednesday, May 11, 2022
 11:00 am - 6:00 pm

Thursday, May 12, 2022
 11:00 am - 3:00 pm

EXHIBITOR	Booth
Agnostiq	312
AWS	200
Classiq	212
IBM	101
IDQ	300
IONQ	201
IQT Events	209
IQT Research	208
McAndrews	213
Multiverse	204
QLabs	105
Quantropi	302
Quantum Computing Report	308
Quebec Pavilion	109
Toshiba	205



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IBM Quantum

IBM Quantum leads the world in quantum computing. Our quantum systems are both the most advanced in the world and the most accessible. We introduce new, more powerful quantum computers at a regular cadence. Our roadmap toward quantum advantage pairs that proven record of hardware innovation with full-stack software development. This is to make sure that new quantum hardware is useful and user-friendly as soon as it comes online. The world is approaching a new computing age, where quantum computers will solve problems that supercomputers could never handle. Our fleet represents the best vision for making that vision a reality: fast, growing, available on the cloud, and integrated with the world's most powerful and easiest to use quantum software tools

PLATINUM SPONSORS

Agnostiq

<https://agnostiq.ai/>

Ian Buckley

Community & Partnerships Lead

E: ian@agnostiq.ai

Toronto, Canada



Agnostiq develops software tools that make quantum and high performance computing resources more accessible to enterprises and developers. Along with its algorithmic research, Agnostiq is developing Covalent, an open source workflow orchestration platform designed to help users manage and execute tasks on heterogeneous compute resources

AWS

<https://aws.amazon.com/braket/>

James Goeders

Sr. Product Marketing Manager,

Quantum Computing

E: jamgoe@amazon.com

Seattle, WA



AWS Quantum Technologies encompasses three technical branches: Amazon Braket, a fully managed quantum computing service that allows for simulation and testing of quantum hardware on a variety of devices in a pay-as-you-go manner; the Quantum Solutions Lab, a professional services team of PhD research scientists that engages with enterprises exploring quantum applications; and the AWS Center for Quantum Computing, a group of scientists and engineers performing R&D towards building quantum computer software and hardware.

ColdQuanta

[Coldquanta.com](https://coldquanta.com)

Orri Jonsson

E: orri.jonsson@coldquanta.com



ColdQuanta is dedicated to making quantum a reality through the development of a cloud-based Quantum Computer, precision Sensing and Networking solutions, and critical quantum supply chain components. ColdQuanta is collaborating with its global customers, which includes major commercial and defense companies; the US DoD; the Air Force Research Lab; national labs overseen by the DoE; NASA; NIST; major universities; and quantum-focused tech companies, to advance products and services development with Cold Atom Quantum Technology

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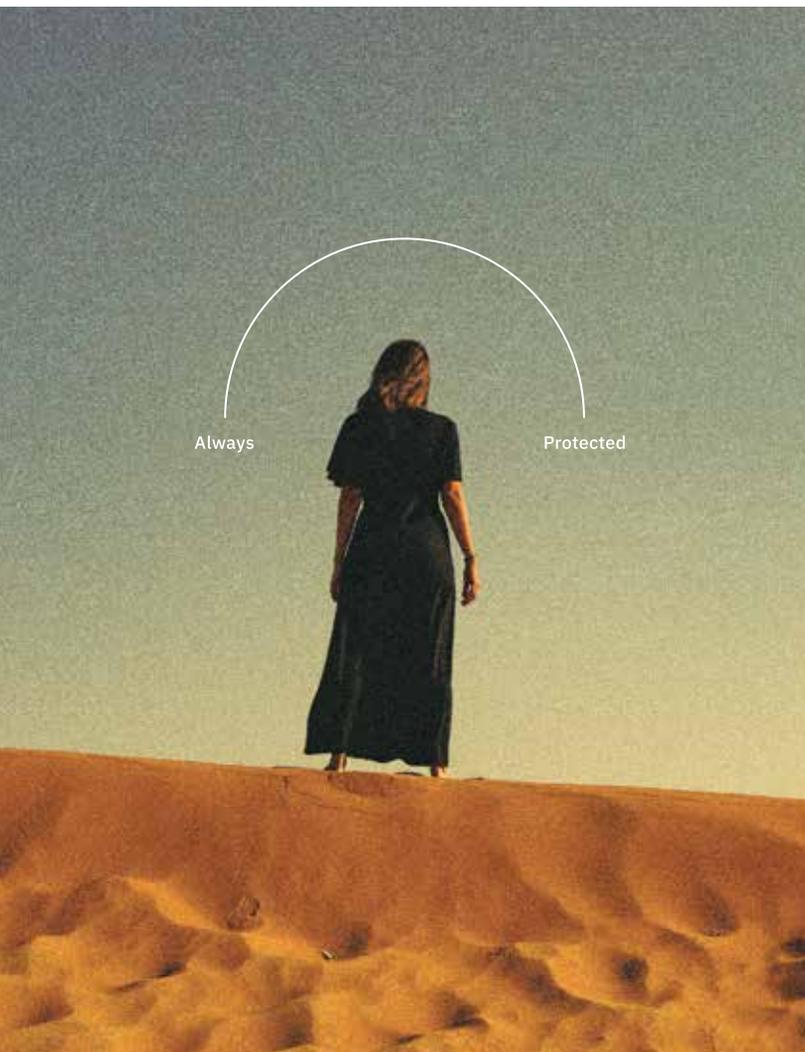
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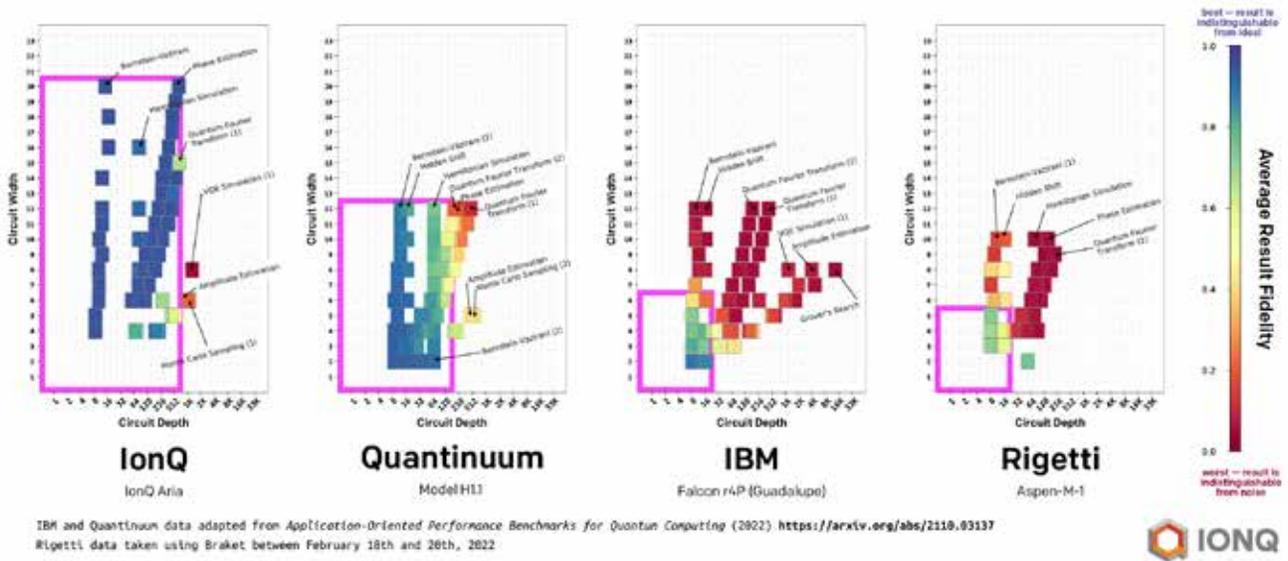
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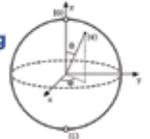
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