

QDaria



QDaria

**Pioneering
Quantum
in the heart of
Norway**

Q | Daria >

About QDaria

Pioneering the Quantum Revolution and Advancing AI Frontiers

Our Mission

QDaria is dedicated to harnessing the transformative power of quantum computing and advanced AI to create secure, efficient, and innovative solutions that drive progress across industries and enhance lives globally.

Our Vision

We envision a world where quantum technology and AI are seamlessly integrated into everyday life, solving complex problems, opening new frontiers in science and industry, and contributing to a more sustainable and prosperous future for all.

Our Core Values

- Innovation:** Pushing boundaries in quantum computing and AI.
- Integrity:** Upholding highest ethical standards.
- Excellence:** Delivering superior products and research.
- Collaboration:** Fostering partnerships to advance the field.
- Sustainability:** Developing solutions for a better world.

Our Expertise

Quantum Solutions

- Topological quantum computing R&D
- Experimental Quantum Mechanics Lab

Quantum Enhanced AI

- Quantum Machine Learning
- Quantum-optimized multi-agent systems

- Quantum-resistant cryptography
- Quantum-enhanced IoT security
- Quantum finance - High Frequency trading and portfolio optimization
- Quantum health and biotech innovations
- Quantum robotics and manufacturing
- Quantum-enhanced swarm intelligence
- High-efficiency batch processing
- Real-time quantum AI processing
- Quantum Enhanced Fast LPU Inference (Language Processing Unit)
- Quantum-boosted computer vision

Our Commitment

QDaria is committed to driving innovation, fostering collaboration, and making a positive impact on society. We invest heavily in research and development, collaborate with leading institutions, and strive to make quantum computing and advanced AI accessible and beneficial to all sectors of society.

Join Us in Shaping the Future

Whether you're a potential client, partner, or innovator, we invite you to join us in our mission to revolutionize industries and solve global challenges through the power of quantum computing and advanced AI.

Quantum Leap in Technology

**QDaria aims to be at the forefront
of the quantum revolution,
delivering groundbreaking
solutions that merge quantum
computing with Quantum AI -
Quantum Machine Learning.**

 Explore Our Solutions

 Get Started

Our Collaborators

QDaria collaborates with leading institutions and companies to advance quantum computing and AI.

Rigetti



Rigetti

Leading in quantum computing hardware and software solutions.

Bluefors



Bluefors

World leader in cryogen-free dilution refrigerator systems.



Type one systems

A Denmark based company patenting revolutionary quantum instruments

Join Our Network

We are always looking to expand our network of collaborators. If you are interested in partnering with QDaria, please reach out to us at mo@qdaria.com.

Quantum Solutions

Pioneering quantum technologies for tomorrow's challenges.



Topological Quantum Computing

Pioneering Fault-Tolerant Quantum Computing with Topological Qubits with Fibonacci Anyons.



Experimental Quantum Mechanics Lab

Exploring the fundamental principles of quantum mechanics and quantum information in our state-of-the-art lab.



Quantum-Resistant Cryptography

Developing unbreakable security solutions for the post-quantum era.



Quantum-Enhanced IoT

Integrating quantum security into IoT devices for unprecedented protection.



Quantum Finance Optimization

Revolutionizing investment strategies and risk assessment with quantum algorithms.



Quantum Health Innovations

Advancing medical research and diagnostics with quantum sensing and computing.



Quantum Robotics

Enhancing robotic systems with quantum-powered decision-making and control.



Quantum Simulation

Modeling complex molecular and material systems with quantum accuracy.

Quantum AI & Quantum Machine Learning

Pushing the boundaries of artificial intelligence with quantum enhancements.



Quantum Enhanced Multi-Agent Systems

Coordinating autonomous agents with quantum-enhanced efficiency and multiple AI agents for complex problem-solving and decision-making.



Quantum-Inspired Swarm Intelligence

Optimizing collective behavior with quantum-inspired algorithms.



Quantum Enhanced High-Performance Batch Processing

Accelerating batch processing with quantum-enhanced parallelism and optimization for large-scale data sets with quantum-enhanced efficiency.



Real-Time Quantum Enhanced AI Processing

Processing real-time data streams with quantum-enhanced speed, accuracy and delivering instant AI insights with quantum-accelerated computations.



Quantum-Enhanced (NLP) and Lightning Fast Inference Language Processing Unit (LPU)

Revolutionizing natural language processing with quantum-enhanced speed and accuracy for real-time language translation, sentiment



Quantum Computer Vision

Enhancing computer vision with quantum-accelerated image processing and analysis for real-time object detection, recognition, and tracking.

Revolutionizing image and video analysis with quantum-powered AI.

analysis, and advancing language understanding and generation with quantum algorithms.



Explainable Quantum AI

Providing transparent and interpretable AI models with quantum-enhanced explainability and decision-making. Ensuring trust and accountability in AI systems with quantum-powered transparency.

Our Divisions

QDaria's specialized divisions drive innovation across multiple sectors.



Q-Hardware & Experimental Labs

Advancing quantum hardware and providing cutting-edge experimental kits for



Q-Software Solutions

Developing quantum software and applications for a wide range of industries and research



Q-Cloud Services

Providing secure and scalable quantum cloud services for businesses and researchers. Our cloud platform offers

research and education. Providing Experimental Quantum Mechanics kit to universities and research institutions.

Equipment:

- Quantum Optics Kit
- Breadboard and Damping Feet
- Quantum Cryptography Kit
- Quantum Eraser Demonstration
- Bomb Tester Demonstration
- Optical Microscopy Course Kit
- Portable Optical Tweezers Kit
- Educational Atomic Force Microscope
- Time-Resolved Absorption Spectroscopy
- Spectrometer Kits
- Michelson Interferometer Kit
- Fourier Optics Kit
- Polarization and 3D Cinema Technology

fields. Our solutions include quantum algorithms, quantum simulation software, and quantum-enhanced machine learning tools.

quantum computing resources, quantum-safe data storage, and seamless integration with classical computing environments.



Q-Consulting Services

Offering expert



Q-Training & Education

Delivering comprehensive



Q-Community & Events

Building a vibrant

consulting services for quantum projects and technology integration. Our team of experts helps organizations navigate the complexities of quantum technology adoption and implementation.

training programs and educational resources for quantum technologies. We offer workshops, online courses, and certification programs to equip professionals with the skills needed to excel in the quantum era.

community of quantum enthusiasts and organizing events to foster collaboration. Join our forums, attend our conferences, and participate in hackathons to connect with like-minded individuals.



Zipminator

Quantum Solutions & Cybersecurity. Our Zipminator tool provides advanced encryption and secure data handling, ensuring your data remains protected against quantum threats.



Q-Investment Hub

Quantum Finance & Investment. We connect investors with groundbreaking quantum startups and provide insights into the latest trends in quantum finance.



Q-Educational Hub

Quantum Education & Research. Our educational hub offers resources for students, educators, and researchers to explore the fascinating world of quantum mechanics.



Q-Health Innovations

Quantum Health & Biotech. We leverage quantum technology to drive innovations in healthcare and biotechnology, from drug discovery to personalized medicine.



Q-Robotics & Manufacturing

Quantum Robotics & Environmental Solutions. Our division focuses on integrating quantum technology into robotics and manufacturing processes to enhance efficiency and sustainability.



Q-AI Solutions

Advanced AI and Machine Learning. We develop quantum-enhanced AI algorithms and applications that push the boundaries of what's possible in artificial intelligence.

Our Team

**Meet the visionaries driving
QDaria's quantum revolution**



John Kristiansen

Chief Operating Officer (COO)

John Kristiansen, QDaria's Chief Operational Officer, have over two decades of diverse leadership experience to the quantum computing industry. His background in real estate development, entrepreneurship, and executive management, including 20 years as a prominent developer in Oslo, provides a unique perspective on scaling operations in the quantum technology landscape. As a Board Member of New Adventure AS and co-founder of mobile service



Nick Saaf

Chief Sales Officer (CSO)

Nick Saaf, QDaria's Chief Sales Officer, brings a unique blend of customer relations expertise and entrepreneurial spirit to the quantum technology sector. His diverse background, spanning from high-end hospitality as a Head Sommelier to tech entrepreneurship as the founder of Alfresco Cookery s.r.o., provides him with a distinctive perspective on client engagement and market development in quantum computing. At QDaria, Nick leverages this diverse experience to drive sales growth and



Martin Potestas

Chief Cybersecurity Officer (CCO)

Martin Potestas, QDaria's Chief Cybersecurity Officer, brings over two decades of extensive experience in IT security and infrastructure management. Martin has held pivotal leadership roles such as CISO and CTO, leading organizations towards robust cybersecurity strategies. He holds numerous prestigious IT security certifications, including CISSP, CISM, and CISA. Martin is also the founder of Sekuritet ApS, where he pioneers

provider Hello Com, John excels in navigating complex business environments and driving innovation in tech-focused sectors. At QDaria, John optimizes operations and aligns activities with strategic goals, addressing the unique challenges of quantum computing infrastructure. His leadership style, focusing on innovation and sustainable growth, has been instrumental in streamlining processes, enhancing cross-departmental collaboration, and implementing robust systems to support rapid growth. John's emphasis on operational excellence ensures QDaria maintains its position at the forefront of the quantum revolution while scaling to meet market demands.

John is dedicated to creating an organizational culture that nurtures talent, encourages bold thinking, and promotes continuous learning. This approach has been key in attracting top talent in

market penetration. His approach combines deep client satisfaction with a strategic market expansion vision. Nick has been instrumental in developing sales strategies, identifying key opportunities, and building strong industry partnerships. His ability to effectively communicate complex quantum solutions to varied audiences bridges the gap between QDaria's groundbreaking technologies and practical business needs. Under Nick's leadership, QDaria has seen significant growth in its client base and successfully entered new market segments. He has been pivotal in securing strategic partnerships and high-value contracts, contributing substantially to QDaria's market position. Nick's client-centric approach ensures that QDaria's solutions are not just technologically advanced but aligned with real-world business needs. His commitment to

innovative IT solutions. His background in board governance, enriched by the Copenhagen Business School's Board Leadership program, makes him exceptionally skilled in strategic oversight. At QDaria, Martin's expertise ensures that the company's infrastructure and cybersecurity measures are cutting-edge, resilient, and aligned with strategic goals, driving the company towards secure and sustainable growth in the quantum computing landscape. [Read less](#)



the competitive quantum computing field. As QDaria pushes the boundaries of quantum technology, John's role in ensuring operational efficiency and strategic alignment is crucial, driving the company towards transformative breakthroughs in quantum computing and its real-world applications. [Read less](#)



understanding market trends has positioned QDaria at the forefront of quantum computing applications across various sectors. As QDaria continues to innovate, Nick's role in translating these advancements into tangible business opportunities is crucial, ensuring that QDaria's quantum solutions drive revolutionary advancements in diverse industries. [Read less](#)



Henrik Wichmann

**Chief Marketing Officer
(CMO)**

Henrik Wichmann, QDaria's Chief Marketing Officer, is a seasoned sales and marketing professional with over a decade of experience driving business growth across diverse industries.



Fredrik Krey Stubberud

**Chief Information Officer
(CIO)**

Fredrik Krey Stubberud, QDaria's Chief Information Officer, is an experienced IT specialist with a robust background in IT service management and operations. With a



Daniel Mo Houshmand

CEO & Founder

Daniel Mo Houshmand leads QDaria with a unique blend of scientific expertise and innovative vision. ... His background in Applied Mathematics, Physics, Engineering, Fine Art and Design provides a

Henrik specializes in innovative problem-solving and strategic partnerships, significantly contributing to IONIUM GmbH's startup journey in the Nordic region. His expertise spans EV charging technology, AI, and emerging tech trends, with a strong focus on sustainability practices. At QDaria, Henrik's role is pivotal in crafting and executing marketing strategies that enhance brand presence and customer engagement, aligning with the company's mission to drive innovation in quantum computing. [Read less](#)



Bachelor's degree in Information Technology from the University of Oslo, Fredrik has demonstrated expertise in various programming languages and IT solutions. His previous roles include IT consultant and professional positions at renowned companies like Squarehead Technology and Olav Thon Gruppen. At QDaria, Fredrik is responsible for overseeing the company's IT infrastructure, ensuring seamless integration of technology with business operations, and driving the adoption of innovative IT solutions to support QDaria's goals in the quantum computing industry. [Read less](#)



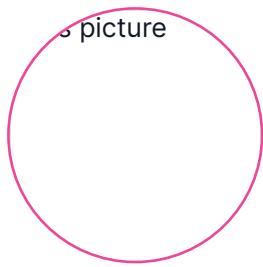
strong foundation for navigating the complexities of quantum computing. Mo's skills, refined through specialized training in Quantum Machine Learning and AI Whispering, are complemented by his practical experience as a former Data Scientist at NAV's AI Lab and CTO at iProud. At QDaria, Norway's foremost quantum computing company, Mo spearheads advancements in Topological Quantum Hardware R&D, Q-AI integration, and Experimental Quantum Mechanics in the QAI. He's also committed to quantum education, recognizing its importance in driving industry-wide progress.

Mo's collaborative approach fosters an environment where cutting-edge research translates into practical solutions for global challenges. Under his leadership, QDaria is at the forefront of quantum computing, bridging

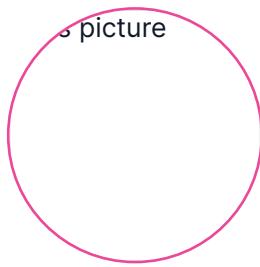
theoretical breakthroughs with real-world applications across diverse sectors. With Mo guiding the way, QDaria is actively shaping the quantum revolution, working towards a future where quantum technology transforms complex problem-solving in science, finance, and beyond.

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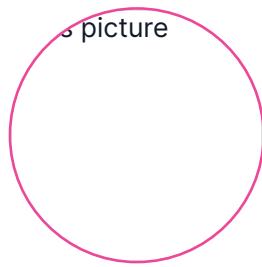
 

**NN****Chief Technology Officer (CTO)**

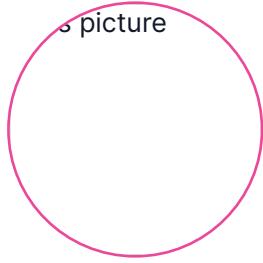
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**NN****Chief Financial Officer (CFO)**

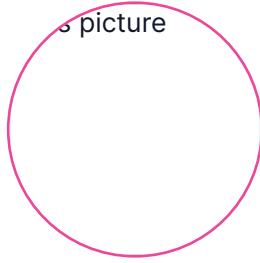
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**NN****Head of Research & Development**

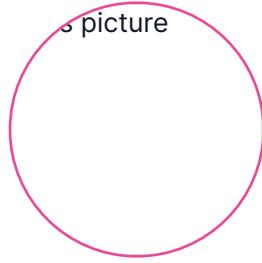
(Soon to be confirmed)

**NN****Chief Human Resources Officer (CHRO)**

(Soon to be confirmed)

**NN****Cryonics Specialist**

(Soon to be confirmed)

**NN****Electrical Engineer**

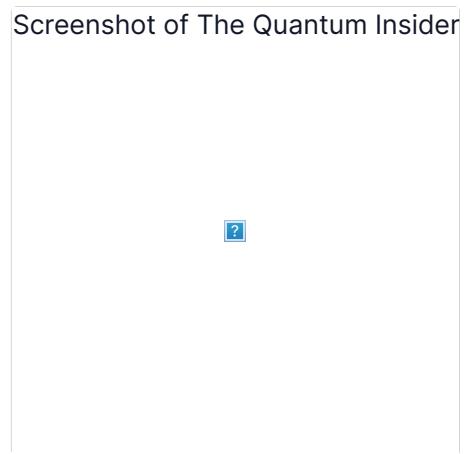
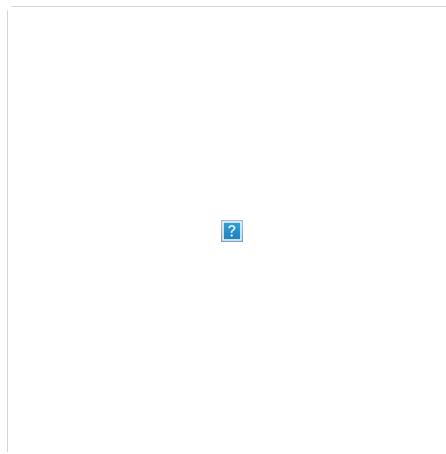
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Media Coverage

QDaria is making **waves** in the industry. **Explore** our media coverage and get **inspired**.

Daniel "Mo" Houshmand, CEO of QDaria, to Present at IQT Quantum + AI Conference in New York City on October 2 – Inside Quantum Technology

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Our Blog

Stay updated with the latest insights and advancements in quantum computing and AI.

Investors

QDaria offers unique investment opportunities in the quantum computing and AI sectors.



Strategic Partnerships

Join forces with industry leaders in quantum computing and AI.



Cutting-Edge Technology

Invest in the future of computing and data security.



Global Impact

Be part of solutions that address critical global challenges.



Join Our Network

We are always looking to expand our network of investors. If you are interested in partnering with QDaria, please reach out to us at mo@qdaria.com.

Contact Us

Get in touch with QDaria for inquiries, collaborations, and more.

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Send Us a Message

Name

Email

Message

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