



SecureFi Institute

Securing the Future for US

Executive Overview

SecureFi Institute is an independent research and leadership initiative focused on preparing institutions and decision makers for the security challenges associated with emerging computing technologies.

Artificial intelligence, advanced cybersecurity systems, high performance computing, and quantum technologies are reshaping digital infrastructure at unprecedented speed. These technologies are transforming how information is processed, secured, and governed across national infrastructure, financial systems, critical services, and defense environments.

While technological capability continues to advance rapidly, institutional readiness and leadership awareness often lag behind. SecureFi Institute was established to help bridge this gap by advancing research, education, and governance awareness across the emerging computing landscape.

The Institute equips leaders, technologists, and policy professionals with a practical understanding of how modern computing systems function, how they interact across infrastructure environments, and how they must be governed to ensure long-term security, resilience, and national capability.

Why This Matters

Digital infrastructure is entering a period of significant technological convergence. Artificial intelligence is transforming cybersecurity operations, high performance computing is enabling new scientific and industrial capabilities, and quantum information science introduces fundamentally new computational architectures.

These developments create new opportunities, but they also introduce structural challenges. Many digital security systems in use today were designed decades before the emergence of modern computing capabilities. As quantum technologies advance and AI-driven cyber operations evolve, institutions must begin preparing for long-term security transitions.

Future leaders and system architects must be prepared to operate within this environment with:

- Systems-level technology awareness
- Security-forward infrastructure design
- Institutional governance frameworks
- Structured oversight and risk management



Without this preparation, technological acceleration can outpace institutional control.

Core Focus Areas

SecureFi Institute advances applied research and leadership capability across several interconnected domains:

- Artificial intelligence governance and cybersecurity implications
- Cyber resilience and infrastructure security strategy
- High performance computing integration and large-scale systems planning
- Quantum readiness and post-quantum cryptographic transition planning
- Leadership awareness for emerging technology decision-making

The Institute emphasizes practical understanding of how technologies affect infrastructure, governance, and long-term national capability.

Research Focus and Publications

SecureFi Institute publishes research examining how emerging computing technologies are reshaping cybersecurity, infrastructure resilience, and institutional governance.

The SecureFi Institute Research Series explores key issues at the intersection of artificial intelligence, cybersecurity, high performance computing, and quantum information science. These publications examine both the technological implications, and the leadership considerations associated with next-generation computing systems.

Recent publications include:

- **Why Post-Quantum Cryptography Matters Now**

Explores how advances in quantum computing could eventually disrupt widely used cryptographic systems and why organizations must begin preparing for quantum-resistant security.

- **AI and Cybersecurity Are Converging**

Examines how artificial intelligence is transforming both defensive cybersecurity operations and offensive cyber capabilities.

- **Hybrid HPC and Quantum Infrastructure**

Analyzes how future computing environments will combine classical high performance computing systems, artificial intelligence platforms, and emerging quantum processors.

- **Cybersecurity as an Instrument of National Power**

Explores the growing role of cybersecurity and infrastructure resilience in national capability and strategic competition.



- **Preparing Organizations for Quantum Security**

Outlines practical steps organizations can take to begin preparing for the transition to quantum-resistant cryptography.

- **The Quantum Security Gap**

Examines the growing gap between awareness of quantum computing risks and institutional readiness to address them.

The research series is complemented by the strategic report **The Emerging Quantum Security Landscape**, which synthesizes these topics and examines how converging technologies may reshape cybersecurity and digital infrastructure over the coming decades.

Research and Education Model

SecureFi Institute integrates research, leadership development, and cross-sector collaboration.

Key activities include:

- Strategic research and publications on emerging technology security
- Executive education and leadership awareness programs
- Governance framework development for technology oversight
- Dialogue between technology architects, government leaders, and institutions

The goal is to support the responsible development and deployment of advanced technologies with strong security foundations and long-term institutional stewardship.

Leadership

Founder and Executive Chairman

- David Haberland

Advisory Board

- Steve Partello, J.D.
- Jacquay Henderson

Vision

Advanced computing technologies will shape the next era of economic strength, infrastructure capability, and national security.



SecureFi Institute exists to ensure that leaders responsible for designing, deploying, and governing these systems have the awareness, knowledge, and strategic perspective necessary to do so responsibly.

Additional Information

SecureFi Institute is an independent, non-partisan initiative focused on emerging technology governance, infrastructure security, and institutional readiness.

Learn more at
www.securefi.com

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