

# MIT Industrial Liaison Program Faculty Knowledgebase Report

---

## Securing the Future

---

---

October 9, 2025 11:00 am - 12:00  
pm

---

11:00 AM

Welcome and Introductions

Jim Flynn

Program Director, [MIT Industrial Liaison Program](#)



Jim Flynn

Program Director

[MIT Industrial Liaison Program](#)

Before MIT, Jim was the assistant dean of research business development at the UMass Amherst College of Information and Computer Sciences. Jim founded, built, and sold multiple technology companies in fintech and online media. He has bootstrapped startups and closed venture capital, angel, and private equity funding rounds. Jim also served as the Chief Operating Officer of a public company and a subsidiary of Pitney Bowes. He began his career at AT&T as a software developer, hardware engineer, and national account manager. Jim has authored patents and wrote one of the first books on Java programming. Out of all the roles he's held, Jim's favorite job title by far is dedicated dad of four. He earned a BS from Manhattan College and an MBA with concentrations in finance and international business from New York University.

11:03 AM

Research Spotlight  
Daniel Aronoff

Research Affiliate, [MIT Department of Economics](#)



Daniel Aronoff

Research Affiliate, [MIT Department of Economics](#)

Daniel Aronoff is a Research Scientist at the MIT Media Lab. He has published two peer-reviewed books on the economic foundations of the 2008 global financial crisis. His research on digital currencies is focused on two areas. One area is game theoretic analysis of the consensus protocols that underlie cryptocurrencies and the design of new protocols to improve security. The other area is the design of smart contracts to improve the performance of financial markets in environments where money and securities are appended to distributed ledgers. Daniel received his BSc in Philosophy and Economics with first-class honors from the London School of Economics and his PhD in Economics from MIT.

Madars Virza  
Research Scientist  
[Digital Currency Initiative](#)

Daniel Aronoff and Madars Virza will discuss how AI and post-quantum cryptography intersect, focusing on tools like fully homomorphic encryption (FHE) and zero-knowledge proofs (ZKPs). Their talk will show how these methods enable confidential data analysis and verification without exposing sensitive information, offering strong privacy protections that remain secure against quantum attacks.

11:30 AM

Practical Application of Post-Quantum Privacy at SCBX

Nut Chukamphaeng  
Senior AI Researcher  
[SCBX](#)

Tutanon Sinthuprasith  
Head of R&D  
[SCBX](#)

Nut Chukamphaeng and Tutanon Sinthuprasith will share how SCBX is applying advanced cryptographic tools to enable secure, AI-driven collaboration across organizational boundaries. They will highlight deployment insights, strategic considerations, and real-world use cases for post-quantum privacy, showing how these methods protect sensitive data while supporting robust analytics. The session concludes with key lessons for institutions preparing to operate in a quantum-secure future.

11:45 AM

#### MIT Startup Exchange Startup Lightning Talks

Irina Gaziyeva

Program Coordinator, [MIT Startup Exchange](#)



Irina Gaziyeva

Program Coordinator

[MIT Startup Exchange](#)

Irina Gaziyeva comes to Corporate Relations from the Mechanical Engineering Department at MIT where she worked 10 years as Administrative Assistant where she has supported four senior faculty members and their research groups (20-25 graduate students). Since 2018, Irina has acted as program coordinator, teaming-up with the program manager and program faculty lead for the MechE Alliance program. She has facilitated 45+ virtual seminars, workshops, and mentoring events in this informal role. Irina has also actively connected members of the MechE community to support student career development, mentorship, and networking opportunities with MIT alumni and industry. Before MIT, Irina held positions as Administrative Assistant and Member Representative at Brookline Dental and Tufts Health plan, respectively. Irina has also been a Community Organizer in Worcester, MA.

Irina earned her B.A., Management (with Innovation & Entrepreneurship track) at Clark University in Worcester, and her M.S., Program and Project Management from Brandeis University in Waltham. She has received many awards at MIT for outstanding service, and she has extensive community volunteer work to her credit.

Serge Vilovsky

Jules Drean

11:59

#### Closing Remarks

Jim Flynn

Program Director, [MIT Industrial Liaison Program](#)



Jim Flynn

Program Director

[MIT Industrial Liaison Program](#)

Before MIT, Jim was the assistant dean of research business development at the UMass Amherst College of Information and Computer Sciences. Jim founded, built, and sold multiple technology companies in fintech and online media. He has bootstrapped startups and closed venture capital, angel, and private equity funding rounds. Jim also served as the Chief Operating Officer of a public company and a subsidiary of Pitney Bowes. He began his career at AT&T as a software developer, hardware engineer, and national account manager. Jim has authored patents and wrote one of the first books on Java programming. Out of all the roles he's held, Jim's favorite job title by far is dedicated dad of four. He earned a BS from Manhattan College and an MBA with concentrations in finance and international business from New York University.