Would you like to start your career:

- Collaborating with industry to design, standardize, commercialize and deploy technologies to address vulnerabilities in current and emerging networks.
- Leveraging emerging disruptive technologies to develop new approaches to improve the security and resilience of critical network infrastructure.
- Researching methods to design and validate new network security technologies.

Do you have a background or interest in ................ If so, start here

- virtualized network / cloud security, Internet technologies (BGP, DNS, IPv6), Internet of things, next generation wireless technologies (5G/6G), security testing and verification, applications of AI to security, protocol design and standardization, network software development, network measurement and data science.
- working with leading Internet companies in standards / collaborative forums such as..
Research, Development, Technology Transfer

✓ Protocol Design, Analysis and Standardization

✓ Internet Scale Measurement and Data Analysis
  • Measurement, monitoring, and analysis of Internet infrastructure.

✓ Rapid Prototyping
  • Open source reference implementations of emerging protocol specifications.

✓ Analytical, Simulation & Emulation Modeling
  • Internet scale modeling for performance, scalability, security, and resilience.

✓ Test and Evaluation of Emerging Implementations
  • Test tools designed to assist implementers and early adopters.
  • Test methods to ensure product interoperability, conformance and performance.

✓ Operational Guidance and Standards Profiles
  • Fostering safe, secure and efficient acquisition, deployment and operation of emerging network technologies.