

Economics of Dependability, Takashi Nanya

- How much to invest in dependability, how much more dependability by certain efforts
- Lack of relationship between economics and dependability → establish relationship

From Measurements to Security Science: A Data Driven Approach, Ravi Iyer

- How to apply continuous monitoring to improve availability, security, ...
- Clouds: growing number of outages → higher level of reliability and availability needed
- Security Monitoring: “Execution under Probation”

Emerging Frontiers in Dependability research, Farnam Jahanian

- Number of hosts on the Internet grown like Moors law
- Frontiers: Expanding limits of computation, data explosion, clouds and universal connectivity, smarts systems: sensing, analysis and decision, augmented human capabilities, achieving privacy and utility → cyber-physical security

IFIP 10.4 WG Visegrád

Murphy Was an Optimist, Kevin Driscoll

- Even if anything can't get wrong, it will
- Lack of documentation and publication on rare failures
- Examples can be emailed to Kevin

The BiobankCloud Project: Genomic data in the clouds, how risky?, Paulo Verissimo

- Genomics and big data: rapid growth of sequenced genomes → data storage needs grows beyond capabilities
- BiobankCloud: PaaS, but bio data needs to be kept on-site