University at Buffalo
Department of Computer Science and Engineering
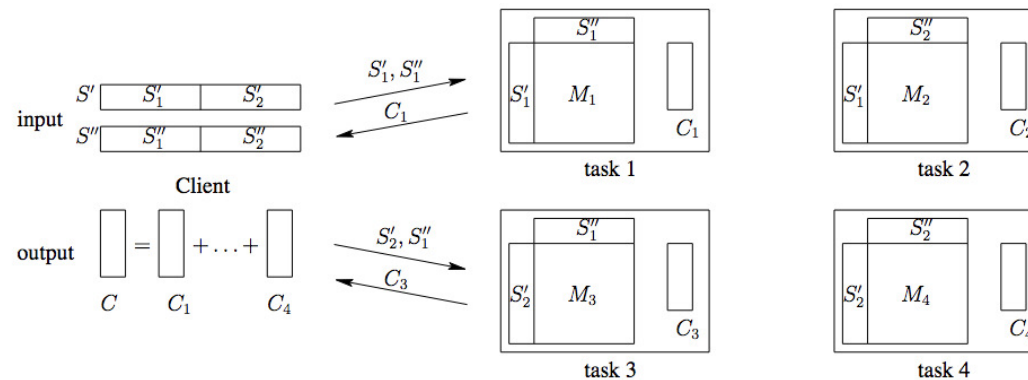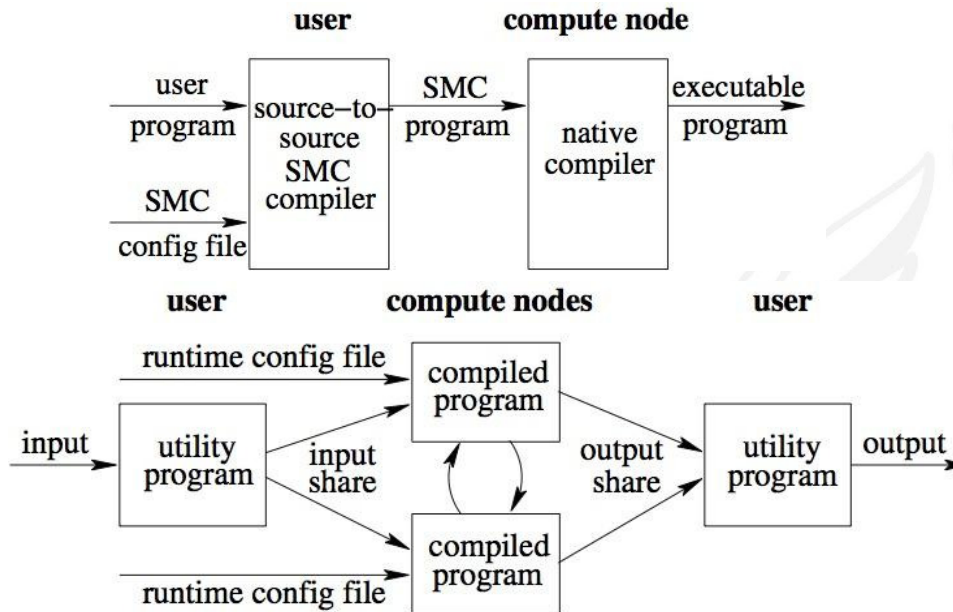School of Engineering and Applied Sciences

Marina Blanton
Homepage

Research category: A) computer security and cryptography

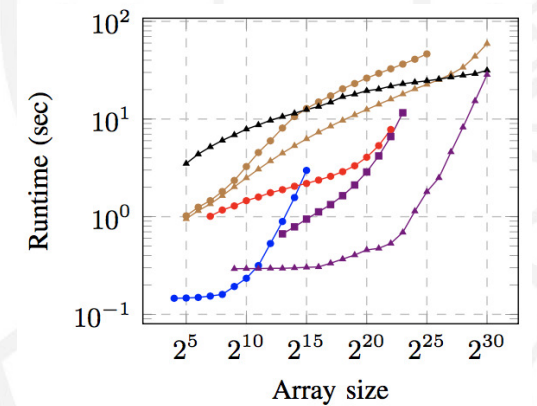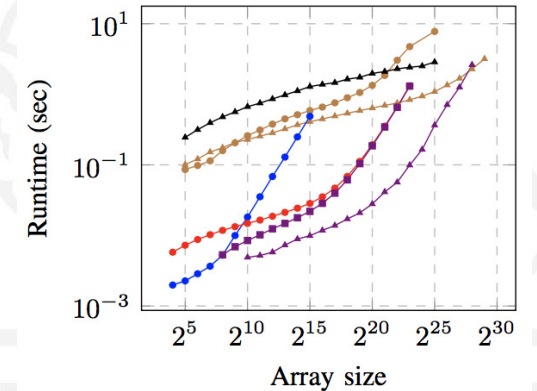**Research area**: secure multi-party computation, secure outsourcing

Research applications: privacy-preserving data analysis, private biometric authentication, private genomic computation

Selected research projects: Experimental Platform for Rapid Prototyping and Deployment of Secure Multi-Party Protocols

Compilation and execution of secure computation programs in PICCO

Performance of secure and oblivious binary search on LAN and WAN

Secure and verifiable outsourcing of large-scale biometric computation