

## SHORT BIO:

Dr. Danfeng (Daphne) Yao is a Professor of Computer Science at Virginia Tech. She is an Elizabeth and James E. Turner Jr. '56 Faculty Fellow and CACI Faculty Fellow. Her research interests are on building deployable and proactive cyber defenses, focusing on detection accuracy and scalability. She creates new models, algorithms, techniques, and deployment-quality tools for securing large-scale software and systems. Her tool CryptoGuard helps large software companies and Apache projects harden their cryptographic code. She systematized program anomaly detection in the book *Anomaly Detection as a Service*. Her patents on anomaly detection are extremely influential in the industry, having been cited by over 200 other patents from major cybersecurity firms and technology companies, including FireEye, Symantec, Qualcomm, Cisco, IBM, SAP, Boeing, and Palo Alto Networks. Her IEEE TIFS papers on enterprise data loss prevention were viewed 30,000 times. Dr. Yao was a recipient of the NSF CAREER Award and ARO Young Investigator Award. Dr. Yao is the ACM SIGSAC Treasurer/Secretary and is a member of the ACM SIGSAC executive committee since 2017. She spearheads multiple inclusive excellence initiatives, including the NSF-sponsored Individualized Cybersecurity Research Mentoring (iMentor) Workshop and the Women in Cybersecurity Research (CyberW) Workshop. Daphne received her Ph.D. degree from Brown University, M.S. degrees from Princeton University and Indiana University, Bloomington, B.S. degree from Peking University in China.