



1ST ANNUAL AFCEA SILICON VALLEY CYBER & IT SUMMIT @ MOFFETT FIELD

SPEAKER BIO



Dr. Thomas Lee
CEO
VivoSecurity

Dr. Thomas Lee is the CEO of VivoSecurity, a Silicon Valley based company focused on data collection, regression modeling and A.I. to bring predictability to the randomness of data breach. Thomas has more than 30-years of experience finding “signal in noise”, for industrial engineering, for business and for medicine, using digital signal processing, digital image processing, pattern matching in Fourier space, regression analysis, singular value decomposition, and machine learning. In cybersecurity, Thomas has developed models to forecast fraud in online banking, probability for PII data breach, probability for lawsuits and costs in the event of a PII data breach, and the likelihood of a shareholder lawsuit for public companies in the event of a stock drop. He has developed models to forecast PII data breaches by state and models to forecast the number of data breaches in the healthcare industry. In 2018, Thomas was an invited speaker at the Richmond Fed research conference, PRMIA NYC & BCG, O.R.X Toronto & Milan and OpRisk North America. In 2019, Thomas was invited to participate at Richmond Fed cybersecurity workshop and was a panelist at ACAMS. In 2022, Thomas was an invited speaker at ISACA Toronto, ISACA Silicon Valley and the Silicon Valley Affiliate of WiSyS. In 2023, Thomas was an invited speaker at the ISACA chapters in Silicon Valley, Orange County, Boise, Memphis, Sacramento, Arkansas, and Central Ohio and he was a panelist at ISACA Silicon Valley Digital Trust Summit. In 2024, Thomas was an invited speaker at ISACA San Francisco, the Pacific Hackers Association in Mountain View California, Society of Information Risk Analysts (SiRA), ISSA Silicon Valley, a joint session of ISACA & IIA Northwest Ohio, a joint session of ISACA & ISC2 San Diego, a session of ISACA Silicon Valley, and the annual SecTor Canada conference in Toronto which is sponsored by Black Hat. Thomas is a member of the *Cybersecurity Industry Advisory Board* for San Jose State University, has multiple patents and publications in peer reviewed journals and holds BS degrees in Physics and Electrical Engineering from the University of Washington, and an MS and PhD in Biophysics from the University of Chicago.

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