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Bruce Schneier

Renowned Security Technologist & Best-Selling Author

The AI Revolution: Implications for Security and Society. AI Risk and Security. AI-powered systems are increasingly integrated into our lives, and it's crucial to understand the potential risk and biases that come with them. Bruce Schneier delves into the intricate relationship between AI systems and their users, examining the opportunities, as well as challenges, in the digital realm. As Schneier offers organizations and individuals the insights they need to make more informed decisions around AI, he advocates for increased transparency, ethical guidelines, and regulatory oversight in the development and the deployment of AI systems. **AI and Trust.** As AI systems become more ubiquitous, they will be put into positions of trust. But will they be trustworthy? In this fascinating talk, Bruce Schneier explores the nature of trust in society and shows how AI will upend many of the mechanisms society uses to enable trust. He explains how AI "hacks" our natural ways to build trust by acting human, while still being controlled by algorithms. Creating trustworthy AI requires new ways of thinking about trust – and security – and Schneier provides a road map for a future where AI is both trusted and trustworthy. **The Coming AI Hackers.** Today, humans do the hacking, but in the future, AI could do it too. Hacking is inherently a creative process where system vulnerabilities are exploited in ways not intended by their creators. Our current approach of "patching" systems won't be fast enough to keep up with AI. In this talk, security expert Bruce Schneier explores the risks AI hackers pose to organizations and societal systems, and shares insights on the steps needed to protect against potential hacks.

Cybersecurity: How to Think About It and What's Coming. Securing a World of Physically Capable Computers. As computers become more integrated into our daily lives, the focus of computer security is expanding from just protecting data to also ensuring the safety of life and property. Verifying and maintaining the integrity of data will become even more important than just keeping it confidential, and the way we manage the Internet will evolve, with government regulations playing a critical role. To prepare organizations for this future, Bruce Schneier will share insights learned from our past experiences securing systems, and explore new technologies, laws, regulations, economic incentives, and social norms to create a secure and thriving digital environment. **Privacy and Surveillance in a Data-Driven World**. Much of surveillance is voluntary: we cooperate with corporate surveillance because it promises us convenience, and we submit to government surveillance because it promises us protection. But have we given up more than we've gained? In this speech, security expert Bruce Schneier explores how we can reform government surveillance programs and change surveillance-based business models to value both security and privacy. Attendees will receive tips to protect their privacy and gain new perspectives on the technology they use every day, such as their phones, computers, credit cards, and cars.

Security Technology in the Public Interest. Computer security has become a public policy issue. But while understanding technology is crucial to creating good policies, technologists are often missing from these discussions. To ensure sustainable progress, we need public-interest technologists: experts who can help shape policies and provide security to agencies and groups working in the broader public interest. This talk highlights the current state of public-interest technology and emphasizes the importance of public involvement in deciding how much of our lives should be governed by technology, and under what terms.