



Universität
Basel

Departement
Mathematik und Informatik

DMI-Colloquium

Wednesday, 12 December 2018

Bruce Schneier

Securing a World of Physically Capable Computers

Start: 16:15

Location: Kollegienhaus, Petersplatz 1, Basel, lecture hall 001, ground floor (Entry Petersgraben)

Abstract:

Computer security is no longer about data; it's about life and property. This change makes an enormous difference, and will shake up our industry in many ways. First, data authentication and integrity will become more important than confidentiality. And second, our largely regulation-free Internet will become a thing of the past. Soon we will no longer have a choice between government regulation and no government regulation. Our choice is between smart government regulation and stupid government regulation. Given this future, it's vital that we look back at what we've learned from past attempts to secure these systems, and forward at what technologies, laws, regulations, economic incentives, and social norms we need to secure them in the future.

Speaker Bio:

Bruce Schneier is an internationally renowned security technologist, called a security guru by the Economist. He is the author of 14 books - including the best-seller *Click Here to Kill Everybody* - as well as hundreds of articles, essays, and academic papers. His influential newsletter *Crypto-Gram* and blog *Schneier on Security* are read by over 250,000 people. Schneier is a fellow at the Berkman Klein Center for Internet and Society at Harvard University; a Lecturer in Public Policy at the Harvard Kennedy School; a board member of the Electronic Frontier Foundation, AccessNow, and the Tor Project; and an advisory board member of EPIC and VerifiedVoting.org. He is also a special advisor to IBM Security and the Chief Technology Officer of IBM Resilient.