Bibliography


[25] M Alagappan, JV Rajendran, M Doroslovački, G Venkataramani, “DFS Covert Channels on Multi-Core Platforms”, *Visisoc 2017*


[99] D Antonioli, NO Tippenhauer and KB Rasmussen, “The KNOB is Broken: Exploiting Low Entropy in the Encryption Key Negotiation Of Bluetooth BR/EDR”, Usenix 2019
[113] R Atkinson, “The single most effective weapon against our deployed forces” and “The IED problem is getting out of control. We’ve got to stop the bleeding”, in the Washington Post, Sep 30 2007; “There was a two-year learning curve . . . and a lot of people died in those two years”, Oct 1 2007; “You can’t armor your way out of this problem”, Oct 2 2007; “If you don’t go after the network, you’re never going to stop these guys. Never”, Oct 3 2007; all linked from http://smallwarsjournal.com/blog/2007/09/print/weapon-of-choice/
BIBLIOGRAPHY


[116] D Aucsmith (editor), Proceedings of the Second International Workshop on Information Hiding (Portland, Apr 98), Springer LNCS 1525


[120] “Barclays winning card fraud war”, D Austin, in Banking Technology (April 94) p 5


Security Engineering 867 Ross Anderson


[140] S Baron-Cohen, AM Leslie, U Frith, “Does the autistic child have a ‘theory of mind’?” Cognition (Oct 1985) v 21 no 1 pp 37–46


[142] B Barrow, B Quinn, “Millions in danger from chip and pin fraudsters” in Daily Mail June 5th 2006

[143] D Bartz, A Oreskovic, “UPDATE 3-Facebook settles privacy case with U.S. FTC” Reuters Nov 30 2011


BIBLIOGRAPHY


[166] H Beker, M Walker, “Key management for secure electronic funds transfer in a retail environment”, in Advances in Cryptology – Crypto 84 Springer LNCS v 196 pp 401–410


[198] Wolfgang Bitzer, Joachim Opfer ‘Schaltungsanordnung zum Messen der Korrelationsfunktion zwischen zwei vorgegebenen Signalen’ [Circuit arrangement for measuring the correlation function between two provided signals], German Patent DE 3911155 C2, Deutsches Patentamt, November 11, 1993


Security Engineering 872 Ross Anderson


Security Engineering 873 Ross Anderson

[240] V Bontchev, “Possible macro virus attacks and how to prevent them”, in *Computers and Security* v 15 no 7 (96) pp 595–626

[241] N Borisov, I Goldberg, D Wagner, “Intercepting Mobile Communications: The Insecurity of 802.11”, at *Mobicom 2001*

[242] NS Borenstein, “Perils and Pitfalls of Practical Cybercommerce”, in *Communications of the ACM* v 39 no 6 (June 96) pp 36–44

[243] E Bovenlander, invited talk on smartcard security, *Eurocrypt 97*, reported in [84]


[245] O Bowcott, “UK-US surveillance regime was unlawful for seven years”, *The Guardian* Feb 6 2015


[248] D Boyd “Facebook’s ‘Privacy Trainwreck’: Exposure, Invasion, and Drama”, in *Apophenia Blog* Sep 8th 2006, at [http://www.danah.org/papers/FacebookAndPrivacy.html](http://www.danah.org/papers/FacebookAndPrivacy.html)


[250] M Brader, “How to lose 10,000,000 pounds”, in *comp.risks* v 24 no 25, Apr 19 2006


[254] JT Brassil, S Low, NF Maxemchuk, “Copyright Protection for the Electronic Distribution of Text Documents”, in *Proceedings of the IEEE* v 87 no 7 (July 1999) pp 1181–1196

[255] H Bray, “ ‘Face testing’ at Logan is found lacking”, in *Boston Globe* July 17 2002

[256] M Brelis, ‘Patients’ files allegedly used for obscene calls”, in *Boston Globe* April 11, 1995; also in *comp.risks* v 17 no 7


Security Engineering 874 Ross Anderson
BIBLIOGRAPHY


Security Engineering 875 Ross Anderson


[280] M Burgess, “North Korea’s elite hackers are funding nukes with crypto raids”, Wired Apr 3 2019


[287] C Cadwalladr, “Facebook’s role in brexit – and the threat to democracy”, TED2019


BIBLIOGRAPHY


[303] “Dark horse in lead for fingerprint ID card”, Card World Independent (May 94) p 2

[304] “German A555 takes its toll”, in Card World International (12/94-1/95) p 6

[305] “High tech helps card fraud decline” in Cards International no 117 (29 Sep 94)

[306] “Visa beefs up its anti-fraud technology”, in Cards International no 189 (12/12/97) p 5


[322] S Checkoway, J Maskewicz, C Garman, J Fried, S Colney, M Green, N Heninger, R-P Weinmann, E Rescorla, H Shacham, “A Systematic Analysis of the Juniper Dual EC Incident” CCS 2016


[326] HJ Choi, private discussion

[327] “‘Trial by Internet’ A-Z Casts Spotlight on Korean Cyber Mobs” Chosun Ilbo July 8 2005

[328] T Christakis, “A fragmentation of EU/ECHR law on mass surveillance: initial thoughts on the Big Brother Watch judgment”, European Law blog Sep 20 2018

Security Engineering 878 Ross Anderson


[332] C Cimpanu, “Backdoor found in Ruby library for checking for strong passwords”, ZDNet July 8 2019


[341] R Clayton, private conversation, 2006


[351] A Collins, “Court decides software time-locks are illegal”, in Computer Weekly (19 August 93) p 1


[354] D Conner, “Cryptographic techniques — secure your wireless designs”, in EDN (18/1/96) pp 57–68


[358] Computer Emergency Response Team Coordination Center, at http://www.cert.org/


[361] E Constable, “American Express to reduce the risk of online fraud”


[364] D Coppersmith, ‘The Data Encryption Standard (DES) and its Strength Against Attacks’, IBM report RC 18613 (81421)


[368] J Cox, “Hundreds of Bounty Hunters Had Access to AT&T, T-Mobile, and Sprint Customer Location Data for Years” Motherboard Feb 6 2019

Security Engineering 880 Ross Anderson


[371] J Cox, “Criminals Are Tapping into the Phone Network Backbone to Empty Bank Accounts”, Vice Jan 31 2019


[377] L Cranor, “Time to rethink mandatory password changes”, Tech@FTC blog Mar 2 2016


[385] “Beating the credit card telephone fraudsters”, in Daily Telegraph (9 Oct 1999)
BIBLIOGRAPHY


[392] Two statements, made by the Data Protection Commissioners of EU and EES countries and Switzerland, 20th International Conference on Data Protection, Santiago de Compostela, 16-18 September 1998


[411] DE Denning, “Activism, Hacktivism, and Cyberterrorism: The Internet as a Tool for Influencing Foreign Policy”, InfowarCon 2000


[426] W Diffie, ME Hellman, “Exhaustive cryptanalysis of the NBS Data Encryption Standard”, in *Computer* v 10 no 6 (June 77) pp 74–84


[430] *The Annual Bullying Survey 2018*, Ditch the Label


[436] C Doctorow, “SAMBA versus SMB: Adversarial interoperability is judo for network effects”, *Boing Boing* July 17 2019

[437] P Doerfler, M Marincenko, J Ranieri, J Yu, A Moscicki, D McCoy, K Thomas, “Evaluating Login Challenges and a Defense Against Account Takeover”, *IW3C2* 2019


*Security Engineering* 884 Ross Anderson


[447] I Drury, “Pointing the finger”, in *Security Surveyor* v 27 no 5 (Jan 97) pp 15–17


[451] The Economist, “Digital rights and wrongs” (17/7/1999); see www.economist.com


[456] The Economist, “Russians are shunning state-controlled TV for YouTube”, March 7 2019


[461] V Edwards, “Controversial artist Spencer Tunick protests the Facebook and Instagram ban on female nipples with a gathering of nude models in New York City”, *Daily Mail* June 2 2019


[470] EMV documents available from EMVCo LLP at http://www.emvco.com/


[485] European Union, ‘Directive on the retention of data generated or processed in connection with the provision of publicly available electronic communications services or of public communications networks’, 2006/24/EC


[490] R Evans, “Trade unionist was refused job after police gave details to blacklist” The Guardian Mar 7 2019

[491] M Fairhurst, “The Hedge End Experiment”, in International Security Review no 85 (Summer 94) p 20


[493] C Farivar, “Russian man pleads guilty, admits he ran notorious Kelihos botnet” Ars Technica Sep 13 2018


[511] PFJ Fillery, AN Chandler, “Is lack of quality software a password to information security problems?”, in IFIP SEC 94 paper C8

[512] “Psychologists and banks clash over merits of photographs on cards”, in Financial Technology International Bulletin v 13 no 5 (Jan 96) pp 2–3


[527] B Fox, “How to keep thieves guessing”, in New Scientist (3rd June 95) p 18

[528] B Fox, “Do not adjust your set . . . we have assumed radio control”, in New Scientist 8 Jan 2000

[529] B Fox, “The pirate’s tale”, in New Scientist 18 Dec 1999

[530] D Fox, “IMSI-Catcher”, in Datenschutz und Datensicherheit v 21 no 9 (9/97) p 539

[531] D Foxwell, M Hewish, “GPS: is it lulling the military into a false sense of security?”, in Jane’s International Defense Review (Sep 98) pp 32–41


Security Engineering 889 Ross Anderson


[538] “Banks fingerprint customers to cut cheque fraud”, in Fraud Watch (1997) no 1 p 9

[539] “Chip cards reduce fraud in France”, in Fraud Watch (1996) no 1 p 8

[540] “Counterfeit and cross border fraud on increase warning”, in Fraud Watch (1996) no 1 pp 6–7

[541] “Finger minutiae system leaps the 1:100,000 false refusal barrier”, in Fraud Watch (1996) no 2 pp 6–9

[542] “Widespread card skimming causes European concern”, in Fraud Watch (1997) v 3 pp 1–2


[547] M Galecotti, “Russia’s eavesdroppers come out of the shadows”, in Jane’s Intelligence Review v 9 no 12 (Dec 97) pp 531–535


Security Engineering 890 Ross Anderson
BIBLIOGRAPHY


Security Engineering 891 Ross Anderson


[580] I Goldberg, D Wagner, “Randomness and the Netscape browser”, in Dr Dobbs Journal no 243 (Jan 96) pp 66–70


[591] D Goodin, “TJX agrees to pay banks $41m to cover Visa losses”, in The Channel Register, Dec 3 2007


[604] A Greenberg, “The Untold Story of NotPetya, the Most Devastating Cyberattack in History”, Wired Aug 22 2018


[612] H Griffiths, “Car crime rises again with 113,000 vehicles stolen last year”, *Auto Express* Apr 25 2019


[638] R Hanson, “Can wiretaps remain cost-effective?”, in Communications of the ACM v 37 no 12 (Dec 94) pp 13–15


Security Engineering 895 Ross Anderson


[655] Herodotus, ‘Histories’; Book 1 123.4, Book 5 35.3 and Book 7 239.3


[659] M Hewish, “Combat ID advances on all fronts”, in International Defense Review v 29 (Dec 96) pp 18–19


Security Engineering 896 Ross Anderson


[690] Q Hu, JY Yang, Q Zhang, K Liu, XJ Shen, “An automatic seal imprint verification approach”, in Pattern Recognition v 28 no 8 (Aug 95) pp 251–266


[699] “Role of Communications in Operation Desert Storm”, in IEEE Communications Magazine (Special Issue) v 30 no 1 (Jan 92)

[700] “New England shopping mall ATM scam copied in UK”, in Information Security Monitor v 9 no 7 (June 94) pp 1–2

[701] “Pink Death Strikes at US West Cellular”, in Information Security Monitor v 9 no 2 (Jan 94) pp 1–2


[707] IEE Electronics and Communications Engineering Journal v 12 no 3 (June 2000) – special issue on UMTS


[712] Information Commissioner’s Office, ‘Investigation into the use of data analytics in political campaigns’, July 11 2018


Security Engineering 899 Ross Anderson


[719] I Jackson, personal communication

[720] L Jackson, “BT forced to pay out refunds after free calls fraud”, in The Sunday Telegraph (9/2/1997); at http://www.telegraph.co.uk:80/


[732] R Jenkins, “Hole-in-wall thief used MP3 player”, in The Times Nov 15 2006; at http://www.timesonline.co.uk/article/0,,29389-2453590,00.html

BIBLIOGRAPHY


[742] Dorothy Judd v Citibank, 435 NYS, 2d series, pp 210–212, 107 Misc.2d 526


[750] L Kahn, “The FBI Wanted a Backdoor to the iPhone. Tim Cook Said No”, Wired Apr 16 2019


[752] B Kaliski, “PKCS #7: Cryptographic Message Syntax Version 1.5”, RFC 2315
BIBLIOGRAPHY


Security Engineering 902 Ross Anderson
[769] A Katwala, “The race to create a perfect lie detector and the dangers of succeeding” The Guardian Sep 5 2019


BIBLIOGRAPHY


Security Engineering 904 Ross Anderson


[813] K Korosec, “VW fires jailed Audi CEO Rupert Stadler” Techcrunch Oct 2 2018


[824] HM Kriz, “Phreaking recognised by Directorate General of France Telecom”, in Chaos Digest 1.03 (Jan 93)
[828] MG Kuhn, private communication
[835] L Kuo, “Chinese surveillance company tracking 2.5m Xinjiang residents”, in The Guardian Feb 18 2019

Security Engineering 906 Ross Anderson

[840] ’L0phtCrack 2.52 for Win95/NT’, at http://www.l0pht.com/l0phtcrack/


[845] L Lamont, “And the real Lotto winner is ... that man at the cash register”, Sydney Morning Herald, May 3 2007


[854] D Lane, “Where cash is king”, in Banking Technology, Oct 92, pp 38–41


[879] CC Lin, WC Lin, “Extracting facial features by an inhibiting mechanism based on gradient distributions”, in Pattern Recognition v 29 no 12 (Dec 96) pp 2079-2101


[902] E MacAskill, J Borger, N Hopkins, N Davies, J Ball, “GCHQ taps fibre-optic cables for secret access to world’s communications”, June 21 2013


BIBLIOGRAPHY


Security Engineering 911 Ross Anderson
[926] AG Martínez, “How Trump Conquered Facebook Without Russian Ads”, Wired Feb 23 2018


Security Engineering 912 Ross Anderson


Security Engineering 913 Ross Anderson


[970] M Mesa, “Phish Scales: Malicious Actor Combines Personalized Email, Variety of Malware To Target Execs”, ProofPoint Apr 5 2016


BIBLIOGRAPHY


[984] GA Miller, “The Magical Number Seven, Plus or Minus Two: Some Limits on our Capacity for Processing Information”, in Psychological Review v 63 (1956) pp 81–97


[993] “Card fraud nets Esc6 billion’, F Mollet, Cards International (22/9/95) p 3

Security Engineering 915 Ross Anderson


[1001] R Morris, Invited talk, Crypto 95


BIBLIOGRAPHY


[1042] National Institute of Standards and Technology, ‘Recommendation for Block Cipher Modes of Operation: Galois/Counter Mode (GCM) and GMAC’ NIST Special Publication 800-38D, November 2007


BIBLIOGRAPHY


[1049] J Naughton, “Facebook’s Vassal State”, in Memex 1.1 March 5, 2019


[1065] C Newton, “The Trauma Floor”, The Verge, Feb 25, 2019

Security Engineering 919 Ross Anderson
BIBLIOGRAPHY

[1066] C Newton, “Mark Zuckerberg says Facebook will shift to emphasize encrypted ephemeral messages”, *The Verge*, Mar 6 2019

[1067] J Newton, “Countering the counterfeitters”, in *Cards International* (21/12/94) p 12


[1069] Andrew Ng, “How the Equifax hack happened, and what still needs to be done”, *Cnet* Sep 7 2018


[1092] A Orlowski, “UK spy agency warns Brit telcos to flee from ZTE gear”, The Register April 16 2018


Security Engineering 921 Ross Anderson


Security Engineering 922 Ross Anderson


[1130] GE Pickett, “How do you select the ‘right’ security feature(s) for your company’s products?” in Optical Security and Counterfeit Deterrence Techniques II (1998), IS&T (The Society for Imaging Science and Technology) and SPIE (The International Society for Optical Engineering) v 3314


[1136] D Polak, “GSM mobile network in Switzerland reveals location of its users”, in Privacy Forum Digest v 6 no 18 (31/12/1997), at http://www.vortex.com/privacy/priv.06.18

[1137] Politech mailing list, was at http://www.politechbot.com/

[1140] R Porter, “Google fined €50 million for GDPR violation in France” The Verge Jan 21 2019
[1145] S Poulter, “Phone firm’s whistleblower says his life has been made a misery”, in The Daily Mail Jun 21 2007
[1156] Public Accounts Committee, ‘Ministry of Defence nuclear programme’, Sep 2018

Security Engineering 924 Ross Anderson


[1162] Z Quinn, ‘Crash Override’, Hachette 2017


[1176] T Reid, “China’s cyber army is preparing to march on America, says Pentagon”, in The Times Sep 7 2007

[1177] “Mystery of Levy tax phone calls”, C Reiss, Evening Standard Jul 5 2000 p 1


Security Engineering 925 Ross Anderson


[1184] M Reynolds, “The strange story of Section 230, the obscure law that created our flawed, broken internet”, Wired Mar 24 2019


BIBLIOGRAPHY


[1199] “Card fraud plummets in France”, M Rowe, Banking Technology (May 94) p 10

[1200] T Rowland, “Ringing up the wrong numbers”, in The Guardian May 18 2006; at http://www.guardian.co.uk/media/2006/may/18/newmedia.technology


[1209] B Russell, Answer to parliamentary question, Hansard 10 Jun 2003 column 762W


[1219] P Samuelson, “Copyright and digital libraries”, in *Communications of the ACM* v 38 no 4, April 1995


B Schneier, “Why Computers are Insecure”, in comp.risks v 20.67


B Schneier, “Excess Automobile Deaths as a Result of 9/11”, Sep 9 2013

BIBLIOGRAPHY


[1259] N Scola. “Kamala Harris’ Crusade Against ‘Revenge Porn’ ”, Politico Feb 1 2019


[1264] D Senie, “Changing the Default for Directed Broadcasts in Routers”, RFC 2644


Security Engineering 930 Ross Anderson


[1287] C Simoiu, C Gates, J Bonneau, S Goel, “‘I was told to buy a software or lose my computer. I ignored it’: A study of ransomware”, SOUPS 2019

[1288] Luther Simjian – Inventor of the Week, at http://web.mit.edu/invent/iow/simjian.html


[1290] GJ Simmons, “How to Insure that Data Acquired to Verify Treaty Compliance are Trustworthy”, GJ Simmons, Proceedings of the IEEE v 76 no 5 (1988; reprinted as a chapter in [1291])


[1295] GJ Simmons, ‘Subliminal Channels; Past and Present’, European Transactions on Telecommunications v 5 no 4 (Jul/Aug 94) pp 459–473


Security Engineering 932 Ross Anderson


[1314] “Plastic Card Fraud Rises in the UK”, in *Smart Card News* v 6 no 3 (Mar 97) p 45


[1321] T Snyder, ‘The Road to Unfreedom’, Bodley Head 2018


Security Engineering 933 Ross Anderson


[1335] “Your car radio may be revealing your tastes”, in *St Petersburg Times* (31/1/2000)


BIBLIOGRAPHY


[1343] S Staniford, D Moore, V Paxson, N Weaver, “The Top Speed of Flash Worms”, in WORM 04


[1354] J van der Straaten, “So You Think Digital is the Future? Your Internet Data is Rotting”, Researchgate May 2019


[1358] R Stumper, “DNA-Analysen und ein Recht auf Nichtwissen”, in Datenschutz und Datensicherheit v 19 no 9 (Sep 95) pp 511–517

[1359] Suetonius (Gaius Suetonius Tranquillus), ‘Vitae XII Caesarum’, translated into English as ‘History of twelve Caesars’ by Philemon Holland, 1606; Nutt (1899)
[1369] C Tavris, E Aronson, ‘Mistakes were made – but not by me’, Harcourt 2007
[1373] J Temperton, “Inside Sellafield: how the UK’s most dangerous nuclear site is cleaning up its act@®, Wired, 17 September 2016
[1374] S Tendler, N Nuttall, “Hackers run up £1m bill on Yard’s phones”, in The Times, 5 Aug 1996


[1384] I Thomson, “Talk about unintended consequences: GDPR is an identity thief’s dream ticket to Europeans’ data”, in The Register Aug 9 2019


[1391] MW Tobias, “Opening locks by bumping in five seconds or less: is it really a threat to physical security?”, 2006, at www.security.org


BIBLIOGRAPHY


[1403] JD Tygar, BS Yee, N Heintze, “Cryptographic Postage Indicia”, in ASIAN 96 (Springer-Verlag LNCS v 1179) pp 378–391, CMU tech report CMU-CS-96-113

[1404] R Uhlig, ‘BT admits staff could have fiddled system to win Concorde trip’, in The Daily Telegraph (23/7/1997)


BIBLIOGRAPHY


[1414] UPI newswire item, Oklahoma distribution, November 26, 1983, Tulsa, Oklahoma


[1418] L van Hove, “Electronic Purses: (Which) Way to Go?”, in First Monday v 5 no 7 (June 2000)


[1421] R van Renesse, “Verifying versus falsifying banknotes”, in Optical Security and Counterfeit Deterrence Techniques II (1998), IS&T (The Society for Imaging Science and Technology) and SPIE (The International Society for Optical Engineering) v 3314, pp 71–85


[1432] H Varian, Keynote address to the Third Digital Rights Management Conference, Berlin, Germany, January 13, 2005


[1445] PR Vizcaya, LA Gerhardt, “A Nonlinear Orientation Model for Global Description of Fingerprints”, in *Pattern Recognition* v 29 no 7 (July 96) pp 1221–1231


[1448] A Vrij, ‘*Detecting Lies and Deceit: Pitfalls and Opportunities*’ WiLey 2008

BIBLIOGRAPHY


Security Engineering 941 Ross Anderson
[1470] M Weaver, “Developer tortured by raiders with crowbars”, Daily Telegraph, 31 October 97
[1471] N Weaver, “Our Government Has Weaponized the Internet. Here’s How They Did It”, Wired Nov 13 2013
[1482] E Whitaker, “At SBC, It’s All About ‘Scale and Scope’”, in Business Week Nov 7 2005

Security Engineering 942 Ross Anderson
[1484] Z Whittaker, “Hackers are stealing years of call records from hacked cell operators”, Techcrunch, June 25 2019


[1491] TA Williams, “Peaceful left-wing activist, 94, with no criminal record wins eight-year battle to wipe details of his 66 anti-war, poll tax and tuition fees protests from police ‘extremism’ database”, Daily Mail Jan 24 2019


JPL Woodward, ‘Security Requirements for System High and Compart-mented Mode Workstations’ Mitre MTR 9992, Revision 1, 1987 (also published by the Defense Intelligence Agency as document DDS-2600-5502-87)


DB Wright, AT McDaid, “Comparing system and estimator variables using data from real line-ups”, in Applied Cognitive Psychology v 10 no 1 pp 75–84


T Ylonen, “SSH – Secure Login Connections over the Internet”, in Usenix Security 96 pp 37–42

KS Yoon, YK Ham, RH Park, “Hybrid Approaches to Fractal Face Recognition Using the Hidden Markov Model and Neural Network”, in Pattern Recognition v 31 no 3 (98) pp 283–293


[1519] S van der Zee, R Poppe, PJ Taylor, RJ Anderson, “To freeze or not to freeze: A culture-sensitive motion capture approach to detecting deceit”, PLOS One April 12 2019

[1520] K Zetter, “Scan This Guy’s E-Passport and Watch Your System Crash”, in Wired, Aug 1 2007


