Mike Just

Curriculum Vitæ – 28 Nov 2016

Research interest

My main interest is *computer security*. I apply human-computer interaction and machine learning techniques to solve computer security problems.

Highlights

publications Honorable Mention award at MobileHCl 2015 (top 5% of submissions)

funding Scientist-in-Charge of £170,000 EU FP7 Marie Curie fellowship (2012–2014)

teaching Nominated for Teaching Award, GCU Students' Association (2013–2014)

publications Published at top venues: Asiacrypt, ACM CCS, ACM CHI, Financial Crypto (FC),

IEEE S&P, MobileHCI, NDSS, PerCom, SOUPS

press Research recognition: BBC (Technology) News, New Scientist, ZDNet

Education

1994–1998 PhD (Computer Science), Carleton University, Canada.

Supervised by Paul Van Oorschot and Evangelos Kranakis

1992–1994 MCS (Master of Computer Science), Carleton University, Canada.

1988–1992 **BSc (Computer Science)**, Laurentian University, Canada.

Employment experience

2015-present **Associate Professor**, Heriot-Watt University, UK.

2010–2015 Lecturer, then Senior Lecturer (2012), Glasgow Caledonian University, UK.

2008–2010 EPSRC Visiting Research Fellow, University of Edinburgh, UK.

2006–2008 **Director of Innovation**, Federal Government, Canada.

2004–2006 Manager of Research and Policy, Federal Government, Canada.

2002–2004 IT Security Researcher, Federal Government, Canada.

1998–2002 Research Scientist, Entrust, Inc., Canada.

1997–1998 Research Assistant, Entrust, Inc., Canada.

Teaching and programme leadership

——Programme leadership——

2016—present **Deputy Director**, *MSc programmes in Network Security, Software Engineering, and Information Technology (Software Systems)*, Heriot-Watt University, UK.

---Modules/Courses taught----

- 2017-present Advanced Network Security, 4th year & MSc, Heriot-Watt University, UK.
- 2015-present Computer Network Security, 4th year & MSc, Heriot-Watt University, UK.
 - 2016 Usable Security & Authentication, PhD, COINS Summer School, Greece.
 - 2016 Advanced Interaction Design, 4th year & MSc, Heriot-Watt University, UK.
 - 2014–2015 **Security & People**, 4th year, Glasgow Caldeonian University, UK.
 - 2010–2015 **Security Landscape**, 1st year, Glasgow Caledonian University, UK.
 - 2010–2013 **Network Security**, *MSc*, Glasgow Caledonian University, UK.
 - 2010–2013 Research & Project Methods, MSc, Glasgow Caledonian University, UK.
 - 2010 Security Engineering, MSc & PhD, Masaryk University, Czech Republic.
 - 2010 Computer Security, 3rd year, University of Edinburgh, UK.
 - 2006-2008 Applied Cryptography, 4th year, Carleton University, Canada.
 - 2001-2002 **Computer Security & Cryptography**, 4th year & MSc, Carleton University, Canada.
 - 1995 Discrete Mathematics, 1st year, Carleton University, Canada.

External examining and PhD examining

---External examining---

2016–present **External examiner for postgraduate taught programmes**, *School of Computer Science & Informatics*, Cardiff University, UK.

——PhD examining (External Examiner, unless noted)——

- Feb 2016 John Blythe, Northumbria University, UK
- Feb 2016 Mohammed Abdallah, Heriot-Watt University, UK (internal examiner)
- Jun 2014 Iain Parris, University of St. Andrews, UK
- Jan 2013 James Nicholson, Northumbria University, UK

Supervision

—Postdoctoral supervision——

2012-2014 Dr. Gunes Kayacik, Marie Curie Fellow, Glasgow Caledonian University

---PhD student supervision----

- 2015-present Esma Lounes, Heriot-Watt University
 - 2013–2016 Muhammad Adnan, Glasgow Caledonian University
 - 2013–2016 Ahmed Saeed, Glasgow Caledonian University (2nd supervisor)
 - 2011–2015 Nicholas Micallef, Glasgow Caledonian University

Funding and awards

2012–2014 Marie Curie Fellowship ("Scientist-in-charge"), EU FP7 programme, approx. £170,000, GCU.

- 2008–2010 **Visiting Research Fellowship**, *EPSRC Visiting Researchers programme*, approx. £65,000, University of Edinburgh.
- 1994–1996 **Postgraduate Scholarship**, *NSERC (Canada)*, \$34,000, Carleton University.
- 1992–1994 Postgraduate Scholarship, NSERC (Canada), \$31,200, Carleton University.

Publications

Applicable citations (Google Scholar, 28/11/2016), awards and press shown below.

---Edited proceedings----

- [1] Abigail Goldsteen, Tyrone Grandison, MIKE JUST, Larry Koved, Rohan Malcolm, and Sean Thorpe, editors. *Proceedings of the Ninth Workshop on Web 2.0 Security and Privacy (W2SP)*. arXiv.org, 22 Jun 2015. Available at http://arxiv.org/abs/1506.06791.
- [2] Larry Koved, Kapil Singh, Hao Chen, and MIKE JUST, editors. *Proceedings of the Third Workshop on Mobile Security Technologies (MoST)*. arXiv.org, 24 Oct 2014. Available at http://arxiv.org/abs/1410.6674.

---Refereed articles---

- [3] Ahmed Saeed, Ali Ahmadinia, and Mike Just. Tag-protector: An effective and dynamic detection of illegal memory accesses through compile time code instrumentation. *Adv. Software Engineering*, 2016:9842936:1–9842936:19, 2016.
- [4] Ahmed Saeed, Ali Ahmadinia, and Mike Just. Secure on-chip communication architecture for reconfigurable multi-core systems. *Journal of Circuits, Systems, and Computers*, 25(8):1–28, 2016.
- [5] Adnan Muhammad, MIKE JUST, Lynne Baillie, and Gunes Kayacik. Investigating the work practices of network security professionals. *Information and Computer Security*, 23(3):347–367, 2015. Citations: 2.
- [6] MIKE JUST and David Aspinall. Challenging challenge questions: An experimental analysis of authentication technologies and user behaviour. *Policy and Internet*, 2(1):99–115, 2010. Originally presented at Trust 2009 conference. **Citations**: 13 **Press**: *ZDNet* (19 May 2009).
- [7] MIKE JUST. Designing and evaluating challenge-question systems. *IEEE Security & Privacy*, 2(5):32–39, 2004. Citations: 70.

—Refereed conference and workshop publications—

- [8] Vlasta Stavova, Vashek Matyas, and MIKE JUST. On the impact of warning interfaces for enabling the detection of potentially unwanted applications. In European Workshop on Usable Security (EuroUSEC), 2016.
- [9] Vlasta Stavova, Vashek Matyas, and Mike Just. Codes v. people: A comparative usability study of two password recovery mechanisms. In Sara Foresti and Javier Lopez, editors, *Information Security Theory and Practice - 10th IFIP WG 11.2* International Conference, WISTP 2016, Heraklion, Crete, Greece, September 26-27,

- 2016, Proceedings, volume 9895 of Lecture Notes in Computer Science, pages 35–50. Springer, 2016.
- [10] Adnan Muhammad, MIKE JUST, and Lynne Baillie. Investigating time series visualisations to improve the user experience. In *CHI*. ACM, 2016. **Citations**: 4.
- [11] Ahmed Saeed, Ali Ahmadinia, and MIKE JUST. Tag-protector: An effective and dynamic detection of out-of-bound memory accesses. In *Proceedings of the Third Workshop on Cryptography and Security in Computing Systems (co-located with HiPEAC 2016)*. ACM, 2016.
- [12] Nicholas Micallef, MIKE JUST, Lynne Baillie, Martin Halvey, and Hilme Gunes Kayacik. Why aren't users using protection: Investigating the usability of smartphone locking. In *MobileHCI*. ACM, 2015. Citations: 4

 Award: Honorable Mention (top 5% of submissions).
- [13] Nicholas Micallef, Hilme Gunes Kayacik, MIKE JUST, Lynne Baillie, and David Aspinall. Sensor use and usefulness: Trade-offs for data-driven authentication on mobile devices. In *PerCom.* IEEE, 2015. Citations: 1.
- [14] Gunes Kayacik, MIKE JUST, Lynne Baillie, David Aspinall, and Nicholas Micallef. Data driven authentication: On the effectiveness of user behaviour modelling with mobile device sensors. In *IEEE CS Workshop on Mobile Security Technologies (MoST)*, 2014. Citations: 17 Press: Daily Mail (5 Nov 2014), New Scientist (4 Nov 2014), BBC News (26 June 2014).
- [15] Ahmed Saeed, Ali Ahmadinia, MIKE JUST, and Christophe Bobda. An ID and address protection unit for noc based communication architectures. In Ron Poet and Muttukrishnan Rajarajan, editors, *Proceedings of the 7th International Conference on Security of Information and Networks, Glasgow, Scotland, UK, September 9-11, 2014*, page 288. ACM, 2014.
- [16] David Aspinall and MIKE JUST. "Give me letters 2, 3 and 6!": Partial password implementations and attacks. In Ahmad-Reza Sadeghi, editor, Financial Cryptography, volume 7859 of Lecture Notes in Computer Science, pages 126–143. Springer, 2013.
 Citations: 6
 Press: New Scientist (27 Feb 2013).
- [17] MIKE JUST and David Aspinall. On the security and usability of dual credential authentication in UK online banking. In Nick Savage, Safwan El Assad, and Charles A. Shoniregun, editors, *ICITST*, pages 259–264. IEEE, 2012. **Citations**: 6.
- [18] Nicholas Micallef and Mike Just. Using avatars for improved authentication with challenge questions. In *International Conference on Security Information, Systems and Technologies (Secureware)*, 2011. Citations: 1.
- [19] Karen Renaud and MIKE JUST. Pictures or questions?: Examining user responses to association-based authentication. In Tom McEwan and Lachlan McKinnon, editors, *BCS HCI*, pages 98–107. ACM, 2010. **Citations**: 11.

- [20] Joseph Bonneau, MIKE JUST, and Greg Matthews. What's in a name? evaluating statistical attacks against personal knowledge questions. In Radu Sion, editor, Financial Cryptography, volume 6052 of Lecture Notes in Computer Science, pages 98–113. Springer, 2010.

 Citations: 55
 Press: The Telegraph (9 Mar 2010), BBC News (8 Mar 2010), New Scientist (3 Feb 2010).
- [21] MIKE JUST and David Aspinall. Personal choice and challenge questions: a security and usability assessment. In Lorrie Faith Cranor, editor, *SOUPS*, ACM International Conference Proceeding Series. ACM, 2009.

 Citations: 73

 Press: *ZDNet* (19 May 2009).
- [22] MIKE JUST and Danielle Rosmarin. Meeting the challenges of Canada's secure government service delivery. In 4th Annual PKI Research Workshop, volume 7224. NIST Technical Publication, 2005.
 Citations: 6.
- [23] Carlisle Adams and MIKE JUST. PKI: Ten years later. In *3rd Annual PKI Research Workshop*, volume 7122. NIST Technical Publication, 2004. **Citations**: 23.
- [24] MIKE JUST, Evangelos Kranakis, and Tao Wan. Resisting malicious packet dropping in wireless ad hoc networks. In Samuel Pierre, Michel Barbeau, and Evangelos Kranakis, editors, *ADHOC-NOW*, volume 2865 of *Lecture Notes in Computer Science*, pages 151–163. Springer, 2003.

 Citations: 85.
- [25] MIKE JUST. An overview of public key certificate support for Canada's government online initiative. In *2nd Annual PKI Research Workshop*, 2003. **Citations**: 10.
- [26] MIKE JUST. Designing secure yet usable credential recovery systems using challenge questions. In Workshop on Human-Computer Interaction and Security Systems (affiliated with CHI), 2003. Citations: 9.
- [27] Andre Aarnes, MIKE JUST, Svein J. Knapskog, Steve Lloyd, and Henk Meijer. Selecting revocation solutions for PKI. In 5th Nordic Workshop on Secure IT Systems (NordSec), 2000. Citations: 62.
- [28] MIKE JUST and Paul C. van Oorschot. Addressing the problem of undetected signature key compromise. In *NDSS*. The Internet Society, 1999. **Citations**: 19.
- [29] MIKE JUST. Some timestamping protocol failures. In *NDSS*. The Internet Society, 1998. **Citations**: 49.
- [30] MIKE JUST and Serge Vaudenay. Authenticated multi-party key agreement. In Kwangjo Kim and Tsutomu Matsumoto, editors, *ASIACRYPT*, volume 1163 of *Lecture Notes in Computer Science*, pages 36–49. Springer, 1996. **Citations**: 228.
- [31] MIKE JUST, Evangelos Kranakis, Danny Krizanc, and Paul C. van Oorschot. On key distribution via true broadcasting. In Dorothy E. Denning, Raymond Pyle, Ravi Ganesan, and Ravi S. Sandhu, editors, *ACM Conference on Computer and Communications Security*, pages 81–88. ACM, 1994. Citations: 58.

--- Refereed extended abstracts---

- [32] Nicholas Micallef, MIKE JUST, Lynne Baillie, and Hilmi Günes Kayacik. Stop questioning me!: towards optimizing user involvement during data collection on mobile devices. In Michael Rohs, Albrecht Schmidt, Daniel Ashbrook, and Enrico Rukzio, editors, *Mobile HCI*, pages 588–593. ACM, 2013. **Citations**: 2.
- [33] Nicholas Micallef, MIKE JUST, Lynne Baillie, and Hilmi Günes Kayacik. Non-intrusive and transparent authentication on smart phones (extended abstract). In Michael Huth, N. Asokan, Srdjan Capkun, Ivan Flechais, and Lizzie Coles-Kemp, editors, *TRUST*, volume 7904 of *Lecture Notes in Computer Science*, pages 271–272. Springer, 2013.

Award: Best poster prize at conference.

——Book chapters——

- [34] MIKE JUST and Karen Renaud. Trends in government e-authentication policy and practice. In Kelvin Joseph Bwalya and Saul F.C. Zulu, editors, *Handbook of Research on E-Government in Emerging Economies: Adoption, E-Participation, and Legal Frameworks*, pages 664–677. IGI Global, 2012.
- [35] MIKE JUST. Designing authentication systems with challenge questions. In Lorrie Faith Cranor and Simson Garfinkel, editors, Security and Usability: Designing Secure Systems that People Can Use, pages 143–156. O'Reilly & Associates, Inc., 2005.
 Citations: 38.

—-Theses—-

- [36] MIKE JUST. On the Temporal Authentication of Digital Data. PhD thesis, Carleton University, Ottawa, ON, Canada, 1999. Citations: 10.
- [37] MIKE JUST. Methods of multiparty cryptographic key establishment. Master's thesis, Carleton University, Ottawa, ON, Canada, 1994.

---Patents----

- [38] MIKE JUST. Method and apparatus for providing information security to prevent digital signature forgery. US Patent 7,373,512. Issued 13 May 2008. **Citations**: 18.
- [39] MIKE JUST and Paul Van Oorschot. Apparatus and method for reducing transmission bandwidth and storage requirements in a cryptographic security system. US Patent 6,567,914. Issued 20 May 2003. Citations: 144.

——International standards (edited)——

- [40] Dale Gustafsson, MIKE JUST, and Magnus Nystrom. SACred (securely available credentials) credential server framework. Internet Engineering Task Force (IETF) RFC 3760, April 2004.
 Citations: 27.
- [41] Frederick Hirsch and MIKE JUST. XML key management requirements. World Wide Web Consortium (W3C) Note, 5 May 2003. Citations: 8.

—-Workshop organization abstracts—-

[42] Shamal Faily, Lizzie Coles-Kemp, Paul Dunphy, MIKE JUST, Yoko Akama, and Alexander De Luca. Designing interactive secure system: chi 2013 special interest

group. In Wendy E. Mackay, Stephen A. Brewster, and Susanne Bødker, editors, *CHI Extended Abstracts*, pages 2469–2472. ACM, 2013. **Citations**: 1.

[43] Rod McCall, Lynne Baillie, Franziska Boehm, and MIKE JUST. Workshop on: Exploring the challenges of ethics, privacy and trust in serious gaming. In Marc Herrlich, Rainer Malaka, and Maic Masuch, editors, *ICEC*, volume 7522 of *Lecture Notes in Computer Science*, pages 584–585. Springer, 2012. **Citations**: 1.

—Other publications——

- [44] MIKE JUST. Authentication frequency as an important design factor. Position Paper at the "Who are you?" (WAY) Workshop at SOUPS, 2014.
- [45] MIKE JUST. Social security. *BCS Interfaces*, 86, Spring 2011.
- [46] MIKE JUST. EuroSOUPS: Increasing international SOUPS participation. Position Paper at the EuroSOUPS Workshop, 2010.

Professional service

—-Technical program committees—-

I have been (or will be) a member of the following conference and workshop TPCs:

- o IEEE European Symposium on Security and Privacy (EuroS&P) 2017
- o Passwords 2016
- o Symposium on Usable Privacy and Security (SOUPS) 2016
- New Security Paradigms Workshop (NSPW) 2016, 2015
- NDSS Workshop on Usable Security (USEC) 2016, 2015
- World Wide Web Conference (WWW) 2015 (Security and Privacy track)
- High Performance Computing and Communications (HPCC) 2014 (Trust, Security and Privacy track)
- o Cyberforensics 2014, 2013, 2012, 2011
- Security and Privacy in Smartphones and Mobile Devices (SPSM) 2013 (an ACM CCS workshop)
- Security and Protection of Information (SPI) 2013
- o Africacrypt 2012
- Designing Interactive Secure Systems 2012 (a British HCI workshop)
- Privacy and Usability Methods Pow-Wow (PUMP) 2010 (co-chair & co-creator with Tristan Henderson, University of St. Andrews) (at British HCI)
- Selected Areas in Cryptography (SAC) 2009, 2004, 1997 (co-chair with Carlisle Adams, University of Ottawa)
- Financial Cryptography and Data Security (FC) 2005
- o AdHoc Networks and Wireless (ADHOC-NOW) 2003, 2002
- o ACM Conference on Computer and Communications Security (ACM CCS) 1999

——Organizing committees——

I have been (or will be) a member of the following conference and workshop organizing committees:

- Workshop on Inclusive Privacy and Security: Privacy and Security for Everyone, Anytime, Anywhere (WIPS) 2015 (Co-organizer with Yang Wang (Syracuse University), Larry Koved (IBM Research), and Karyn Moffatt (McGill University))
- Web 2.0 Security and Privacy Workshop (W2SP) 2015 (**Publications Chair**)
- Symposium on Usable Privacy & Security (SOUPS) 2015 (Tutorials and Workshops chair)
- Symposium on Usable Privacy & Security (SOUPS) 2014 (Posters co-chair with Yang Wang (Syracuse University))
- Symposium on Usable Privacy & Security (SOUPS) 2013 (Posters co-chair with Kirstie Hawkey (Dalhousie University))
- o British HCl 2011 (WIPs co-chair with Karen Renaud (University of Glasgow))

Invited presentations

- 12 Jul 2016 "On building a usable visual analytics tool for network security professionals", invited talk at Dalhousie University, Halifax, Canada
- 21 May 2015 "Reducing the password burden: Investigating the effectiveness of data-driven authentication on mobile devices", invited talk at SPI 2015, Brno, Czech Republic
- 19 May 2015 "Challenges for sensor based authentication", seminar at Masaryk University, Brno, Czech Republic
- 27 Mar 2015 "What are essential ingredients for a killer crowdsensing application?" Panel at CASPer: The Workshop on Crowd Assisted Sensing Pervasive Systems and Communications (formerly CROWDSENSING). At *PerCom 2015*.
- 4 Nov 2014 "Reducing the password burden: Investigating the effectiveness of data-driven authentication on mobile devices", University of Glasgow, Glasgow, UK
- 15 Jan 2013 "Partial passwords and other forms of 'enhanced authentication': Are they secure?" University of Glasgow, Software Engineering & Information Security, Glasgow, UK
- 11 Sep 2012 "Whither Interactive Secure Systems Design?" Panel at DISS 2012, Birmingham, UK. Joint with Pam Briggs (Northumbria University), Lizzie Coles-Kemp (Royal Holloway), and Angela Sasse (UCL).
- 10 Nov 2011 "Passwords: Insecure Nuisance or Misunderstood Protector?", University of Birmingham, School of Computer Science Seminar Series, Birmingham, UK
- 11 May 2011 "Security and people", Security and Protection of Information Symposium, Brno, Czech Republic
- 10 May 2011 "Crowdsourcing security", Security and Protection of Information Symposium, Brno, Czech Republic
 - 8 Oct 2010 "Interactive authentication", University of Stirling, Computing Science Seminar, Stirling, UK
 - 8 Jun 2010 "What's in a name? Evaluating (and possibly improving) the security and usability of personal knowledge questions", ENS Cachan, LSV Seminar, Paris, France
 - 13 Jul 2009 "Personal choice and challenge questions: A security and usability assessment", Carleton University, Digital Security Seminar Series, Ottawa, Canada

- 29 May 2009 "On the security and usability of challenge questions", Masaryk University, Faculty of Informatics Seminar, Brno, Czech Republic
- 28 May 2009 "Account recovery: Authentication's dirty secret?", Information Security Summit, Prague, Czech Republic
- 12 May 2009 "Whither challenge question authentication", University of Cambridge, Security Seminar Series, Cambridge, UK
- 25 Feb 2009 "Challenge question authentication", University of Glasgow, Department of Computing Science Seminar Series, Glasgow, UK
- 16 Mar 2007 "Open source in government", Open Source Software Symposium, Ottawa, Canada
- 7 July 2004 "Password management for multiple accounts: Some security and usability considerations", DIMACS Workshop on Usable Privacy and Security Software (WUPSS), Rutgers University, Piscataway, New Jersey
- 11 Feb 2004 "Jeopardy! IT Security Version", Government Security Policy Conference, IT Security Session, Ottawa, Canada
- 29 May 2003 "Threat and risk assessments: Three wise mens views", ISSA panel, Ottawa, Canada. Joint with Jacques Adams-Robenhymer and Hugh Ellis.

Press

- 21 July 2015 Radio interview about online security. See article at http://www.hw.ac.uk/schools/mathematical-computer-sciences/news-events/privacy-and-security-on-the-web.htm.
- 5 Nov 2014 "Now your phone KNOWS if it's been stolen: App learns its owner's movements and habits to recognise when a thief is using it", *Daily Mail*, Article about MoST 2014 publication [14].

 Available at http://www.dailymail.co.uk/sciencetech/article-2821937/Now-phone-KNOWS-s-stolen-App-learns-owner-s-movements-

habits-recognise-thief-using-it.html.

- 4 Nov 2014 "Phone thwarts thieves by learning its owner's habits", New Scientist. Article about MoST 2014 publication [14].

 Available at http://www.newscientist.com/article/mg22429943.000-phone-thwarts-thieves-by-learning-its-owners-habits.html#

 .VGOG88kzcrh.
- 26 Jun 2014 "Sensors help keep smartphone data secure", BBC Technology News. Article about MoST 2014 publication [14].

 Available at http://www.bbc.co.uk/news/technology-28034539.
- 27 Feb 2013 "Bank's partial passwords easy to guess", New Scientist Blog. Article about FC 2013 publication [16].

 Available at http://www.newscientist.com/blogs/onepercent/2013/02/bank-partial-passwords.html.
- 6 Feb 2012 "Number could be up for mobile bandits", *Evening Times*. Article about success of Marie Curie funding award.

 Available at http://www.eveningtimes.co.uk/news/number-could-be-up-for-mobile-bandits.16648964.

- 2 Feb 2012 "University has smart idea for mobile security", *Metro*. Article about success of Marie Curie funding award.
- 29 Jan 2012 "Is the internet age damaging our lives?", Sunday Herald. Quoted as a security expert.

 Available at http://www.heraldscotland.com/news/home-news/is-the-internet-age-damaging-our-lives.16596774.
- 9 Mar 2010 "Weak online security checks 'putting people at risk"', *The Telegraph*. Article about FC 2010 publication [20].

 Available at http://www.telegraph.co.uk/technology/news/7404828/Weak-online-security-checks-putting-people-at-risk.html.
- 9 Mar 2010 "Weak security ID questions put email at risk", BBC News. Article about FC 2010 publication [20].

 Available at http://news.bbc.co.uk/1/hi/technology/8552622.stm.
- 3 Feb 2010 "Email accounts at risk from not-so-secure questions", New Scientist Technology.

 Article about FC 2010 publication [20].

 Available at http://www.newscientist.com/article/dn18469-email-accounts-at-risk-from-notsosecret-questions.html#.U8-FDrFY_hc.
- 9 Dec 2009 "Which lie did I tell?", *Net..Wars blog.* Quoted as a security expert.

 Available at http://www.pelicancrossing.net/netwars/2009/12/.
- 19 May 2009 "Study: Password resetting 'security questions' easily guessed", ZDNet. Article about Policy & Internet Journal 2010 [6], and SOUPS 2009 [21] publications.

 Available at http://www.zdnet.com/blog/security/study-password-resetting-security-questions-easily-guessed/3419.