

- ◇ Principal investigator of the TIME Impact Grant, supporting the dissemination of knowledge and software developed in TIME grant (below) to partners and the public. Funded by EPSRC (2012–2013).
- ◇ Principal investigator of Privacy Calculus, a joint research project between Cambridge and TU Berlin to better understand how formal methods can be used to reason about negotiable privacy policies. Funded by the British Council and DAAD (2009–2011).
- ◇ Research co-investigator on TIME-EACM, building novel sensors, distributed systems, and statistical techniques to improve transport and travel infrastructure. Funded by EPSRC (2005–2011).

Research associates & research assistants

I have had the pleasure of working closely with the following research associates and assistants.

- ◇ **Dr Dan Underwood** Research Associate (2017–present)
- ◇ **Meurig Thomas** Research Assistant (2017–present)
- ◇ **Dr Andrea Franceschini** Research Associate (2016–present)
- ◇ **Martin Kleppmann** Research Associate (2015–present)
- ◇ **Dr Daniel Thomas** Research Associate (2015–present)
- ◇ **James Sharkey** Research Assistant (2015–present)
- ◇ **Dr Ian Davies** Research Associate (2013–present)
- ◇ **Dr Alistair Stead** Research Associate (2015–2016)
- ◇ **Dr Meredydd Luff** Research Associate (2015–2016)
- ◇ **Dr Stephen Cummins** Research Associate (2013–2016)
- ◇ **Dr Ian Sheret** Senior Research Associate (2013–2014)
- ◇ **Dr David Evans** Senior Research Associate (2011–2012)
- ◇ **Daniel Thomas** Research Assistant (2011–2012)
- ◇ **Daniel Wagner** Research Assistant (2010)

PhD students

- ◇ **Diana Vasile** *Primary Supervisor.* (2015–2019)
Using gossiping to support authentication and confidentiality in mobile devices.
- ◇ **Stephan Kollmann** *Primary Supervisor.* (2014–2018)
Understanding information flow in the age of Internet-connected mobile devices.
- ◇ **Daniel Thomas** *Primary Supervisor.* (2012–2016)
Towards an understanding of the security of modern smartphone platforms. Completed.
- ◇ **Sören Preibusch** *Primary Supervisor.* (2008–2012)
Researching the models, principles and tools to support negotiable privacy policies. Completed.
- ◇ **Robin Message** *Jointly supervised with Prof. Alan Mycroft.* (2007–2011)
Programming for humans: a new paradigm for domain-specific languages. Completed. Available as Computer Laboratory Technical Report 843.
- ◇ **Julien Quintard** *Jointly supervised with Prof. Jean Bacon.* (2006–2010)
Towards a worldwide storage infrastructure. Completed.
- ◇ **Jonathan Davies** *Jointly supervised with Prof. Andy Hopper.* (2005–2009)
Programming networks of vehicles. Completed. Available as Computer Laboratory Technical Report 761.

- Departmental Teaching
- ◇ **Research Skills** the compulsory research module for all MPhil and first-year PhD students. Optional for Part III students. This 16-hour course provides an introduction to a range of research skills which are essential to develop in the process of becoming an independent researcher. The content is taught in a traditional lecture style and I acted as the coordinating lecturer alongside Dr Blackwell, Prof. Copestake and Prof. Robinson. (2014–present)
 - ◇ **Computer Security: Principles and Foundations** an MPhil and Part III course focusing on the important historical themes in computer security. This 16-hour course is taught in a reading class style with weekly assessed essays and presentations. Jointly with Prof. Anderson and Dr Watson. (2014–present)
 - ◇ **Computer Security: Current Applications and Research** an MPhil and Part III course focusing on contemporary themes in computer security. This 16-hour course is taught in a reading class style with weekly assessed essays and presentations. Jointly with Prof. Anderson and Dr Watson. (2014–present)
 - ◇ **Prolog** a second-year course teaching the Prolog language. We co-designed and built an online interactive video platform to teach this 8-hour course and adapted existing content to fit a new flipped-classroom mode of teaching. Jointly with Dr Rice (2012–present)
 - ◇ **Programming in Java** a first-year course teaching the Java language. I co-designed and wrote this 16-hour course with Dr Rice. We teach the basics of the Java language to all first-year computer science students as well as natural scientists taking the computer science option in their first year. Material is taught in a practical class format with demonstrators and semi-automated assessment. (2008–present)
 - ◇ **Further Java** a second-year course teaching the Java language. A 10-hour course which builds on the Programming in Java course above, using a similar teaching style and methods of assessment. The content covers fundamental concurrent and distributed computing primitives in Java. (2009–present)
 - ◇ **Programming in C and C++** a second-year course teaching C and C++ programming languages. I created and delivered this 8-hour C & C++ programming course. The material was presented in a traditional lecture style combined with live coding; delivered as part of the Comparative Programming Languages course in the first year. (2005–2008)
- College Teaching
- ◇ **Director of Studies** at Robinson College, Cambridge (2006–present)
 - ◇ **Supervisor** for many Cambridge Colleges in Computer Science and Engineering, including algorithms, artificial intelligence, computer graphics and image processing, concepts in programming languages, concurrent and distributed systems, databases, digital communications, economics and law, programming in C & C++, numerical methods, operating systems, probability, professional practice and ethics, security, and software engineering. (2000–present)
- Management and Admin
- ◇ **Course Director** for the MPhil in Advanced Computer Science and Part III of the Computer Science Tripos. I take overall responsibility for the selection and education of approximately 40 MPhil students and 10 Part III students each year. (2012–2015)
 - ◇ **Chair of Ethics Committee** taking overall responsibility for assessing any experiment involving human participants in the Department, including controlled experiments, ethnographic studies, survey research, release of instrumented software and research involving personal data. (2011–2012)
 - ◇ **Outreach Coordinator** preparing and delivering an annual series of talks about computer science to school students on the Oxbridge Conference tour and elsewhere; coordinating the Departmental open days; managing the Departmental web pages on admissions; running the annual CS competition for UK students. Jointly with Dr Harle. (2007–2012)
 - ◇ **Graduate Admissions, Robinson College** working with the Graduate Tutors to manage the admissions process for Robinson College. (2007–2010, 2013–present)

- ◇ **Trustee, Robinson College** including membership of College Council, the day-to-day executive body with responsibility for the good running of the institution. (2012–present)
 - ◇ **Current committee membership:** University of Cambridge Management Committee for the CDT in Sensing (2014–2019), CL Degree Committee (2012–2015), CL Advanced Taught Courses Management Committee (2012–2015), CL Joint Teaching Strategy Committee (2012–2015), Robinson IT Committee (2005–present), Robinson Gardens Committee (2012–present), Robinson Archives Committee (2012–present).
- External appointments
- ◇ **Member of the Scientific Advisory Board, OpenClassrooms.com** (2016–)
Distance learning degrees recognised by the French state.
 - ◇ **EPSRC Peer Review College** (2016–)
Reviewer for EPSRC grant proposals.
 - ◇ **Virtual Visiting Professor, AcademicPartnerships.com** (2014–)
AP help universities transition their courses into interactive online modules.
 - ◇ **External Examiner, University of Oxford** (2013–2016)
MSc in Software and Systems Security, Department of Computer Science
 - ◇ **External Examiner, The Open University** (2012–2016)
M362: Developing Concurrent and Distributed Systems, Department of Computing
- Awards and prizes
- ◇ **Pilkington Prize in recognition of excellence in teaching** (2014)
 - ◇ Research Fellow, Robinson College, Cambridge (2005–2006)
 - ◇ Sponsored Ph.D. student, AT&T Labs – Cambridge (2000–2003)
 - ◇ Sponsored 'A' level and undergraduate student, BT Laboratories (1994–1999)
- Previous positions
- ◇ University Lecturer, Computer Laboratory, University of Cambridge. (2012–2013)
 - ◇ RCUK Academic Fellow, Computer Laboratory, University of Cambridge. (2007–2011)
Responsibilities similar to a lecturer, including preparing and delivering undergraduate lectures and supervising PhD students and RAs.
 - ◇ Visiting Scientist, Google London. (2011)
Worked on Google Maps and wrote a Java implementation of the open source Nigori Protocol
 - ◇ Research Associate, Computer Laboratory, University of Cambridge. (2004–2007)
Designed and developed a prototype computer platform for collecting, processing and distributing data concerning road and rail networks.
 - ◇ Senior Technical Associate, Fraser Research, Princeton, NJ, USA. (Summer 2004)
Evaluation of a digital rights management system and the design and analysis of a naming scheme for future computer and communication networks.
 - ◇ Internship, AT&T Labs – Research, Florham Park, NJ, USA. (Summer 2001)
Designed and implemented a dynamic routing algorithm for 155Mb/s optical fibre residential cable network.
 - ◇ Researcher, BT Labs, Martlesham Heath, Suffolk, UK. (1999–2000)
Built a 2 GHz three-dimensional radio channel sounder, analysed ad-hoc network routing strategies and managed the BT Virtual University Research Initiative on Mobility.
- Programme committees
- ◇ IEEE Workshop on Innovations in Mobile Privacy and Security (IMPS) 2017
 - ◇ ACM Internet Measurement Conference (IMC) 2016
 - ◇ ACM MobiSys workshop on Mobile Data (MobiData) 2016
 - ◇ ESSoS workshop on Innovations in Mobile Privacy and Security (IMPS) 2016
 - ◇ ACM CCS Workshop on Security and Privacy in Smartphones and Mobile Devices (SPSM) 2015

- ◇ EAI/ACM Mobiquitous 2014, 2015
- ◇ ACM Mobisys 2015
- ◇ ACM UbiComp 2014
- ◇ IEEE International Symposium on Policies for Distributed Systems and Networks 2012
- ◇ Privacy Enhancing Technologies (PET) 2010, 2009, 2008, 2007, 2006
Proceedings published by Springer
- ◇ Distributed Applications and Interoperable Systems (DAIS) 2010, 2009, 2008
Proceedings published by Springer
- ◇ PLACES 2010, 2009 [PC co-chair], 2008
Workshop at ETAPS 2010, 2009 and IFIP DisCoTec 2008
- ◇ ACM Mobile and Ubiquitous Multimedia (MUM) 2012, 2010, 2009
- ◇ International Conference on Geosensor Networks (GSN) 2009, 2006
Proceedings published by Springer
- ◇ Workshop on Privacy-Aware Location-based Mobile Services (PALMS) 2009, 2008, 2007
IEEE International Conference on Mobile Data Management (MDM)
- ◇ Pervasive 2009
Proceedings published by Springer
- ◇ Workshop on Privacy in the Electronic Society (WPES) 2008
At ACM Conference on Computer and Communications Security (CCS) 2008
- ◇ Internet of Things 2008
Proceedings published by Springer
- ◇ International Workshop on Pervasive Systems (PerSys) 2007
Proceedings published by Springer
- ◇ Workshop on UbiComp Privacy 2007
At UbiComp 2007. Proceedings published by Springer
- ◇ Workshop on *From Theory to Practice in Wireless Sensor Networks* 2007
At IEEE Symposium on a World of Wireless, Mobile and Multimedia Networks (WoWMoM)
- ◇ IEEE Workshop on Trust, Security and Privacy for UbiComp (TSPUC) 2007
- ◇ IEEE Workshop on Pervasive Computing and Comms Security (PerSec) 2006
- ◇ International Conference on High Performance Computing and Comms (HPCC) 2006
- ◇ ACM Workshop on Wireless Security 2006 (held at ACM MobiCom) 2006
- ◇ International Conference on Ubiquitous Convergence Technology (ICUCT) 2006
Proceedings published by Springer

Publications

- 48 Vincent F. Taylor, Alastair R. Beresford and Ivan Martinovic. There are Many Apps for That: Quantifying the Availability of Privacy-Preserving Apps. To appear in the Proceedings of the Conference on Security and Privacy in Wireless and Mobile Networks (WiSec), 2017. ACM.
- 47 Kelly Widdicks, Oliver Bates, Mike Hazas, Adrian Friday and Alastair R. Beresford. Demand Around the Clock: Time Use and Data Demand of Mobile Devices in Everyday Life. To appear in the Proceedings of the International Conference on Computer-Human Interaction (CHI), 2017. ACM.
- 46 Daniel R. Thomas, Richard Clayton and Alastair R. Beresford. 1000 days of UDP amplification DDoS attacks Proceedings of the APWG Symposium on Electronic Crime Research (eCrime), 2017. IEEE

- 45 Stephan A. Kollmann and Alastair R. Beresford. The Cost of Push Notifications for Smartphones using Tor Hidden Services. Proceedings of the Workshop on Innovations in Mobile Privacy and Security (IMPS), 2017. IEEE.
- 44 Martin Kleppmann and Alastair R. Beresford. A Conflict-Free Replicated JSON Datatype. To appear in Transactions on Parallel and Distributed Systems (TPDS), 2017. IEEE.
- 43 Franck Gechter, Alastair R. Beresford, and Andrew Rice. Reconstruction of Battery Level Curves Based on User Data Collected from a Smartphone. Proceedings of the International Conference on Artificial Intelligence: Methodology, Systems, and Applications, pp 289–298, 2016. Springer.
- 42 Stephen Cummins, Alastair R. Beresford, Ian Davies and Andrew Rice. Supporting Scalable Data Sharing in Online Education. Proceedings of the 3rd Annual ACM Conference on Learning at Scale (Learning@Scale), pp 97–100, 2016. ACM Press.
- 41 Stephen Cummins, Ian Davies, Alistair Stead, Alastair R. Beresford, Lisa Jardine-Wright and Andrew Rice. Investigating the Use of Hints in Online Problem Solving. Proceedings of the 3rd Annual ACM Conference on Learning at Scale (Learning@Scale), pp 105–108, 2016. ACM Press.
- 40 Stephen Cummins, Alastair R. Beresford and Andrew Rice. Investigating Engagement with In-Video Quiz Questions in a Programming Course. IEEE Transactions on Learning Technologies 9(1):57–66, 2016. IEEE Press.
- 39 Daniel R. Thomas, Alastair R. Beresford and Andrew Rice. Security Metrics for the Android Ecosystem. Proceedings of the 5th Annual ACM CCS Workshop on Security and Privacy in Smartphones and Mobile Devices (SPSM), pp 87–98, 2015. ACM Press.
- 38 Denzil Ferreira, Vassilis Kostakos, Alastair R. Beresford, Janne Lindqvist and Anind K. Dey. Securacy: An Empirical Investigation of Android Applications Network Usage, Privacy and Security. Proceedings of the 8th ACM Conference on Security and Privacy in Wireless and Mobile Networks (WiSec), 11:1-11 2015. ACM Press.
- 37 Stephen Cummins, Ian Davies, Andrew Rice and Alastair R. Beresford. Equality: A tool for free-form equation editing. Proceedings of the 15th IEEE International Conference on Advanced Learning Technologies (ICALT), pp 270–274, 2015. IEEE Press.
- 36 Daniel R. Thomas and Alastair R. Beresford, Thomas Coudray, Tom Sutcliffe and Adrian Taylor. The Lifetime of Android API vulnerabilities: case study on the JavaScript-to-Java interface. Security Protocols XXIII, LNCS 9379:126–138, 2015. Springer.
- 35 Daniel R. Thomas and Alastair R. Beresford. Better authentication: password revolution by evolution. Security Protocols XXII, LNCS 8809:130–145, 2014. Springer.
- 34 Daniel T. Wagner, Andrew Rice and Alastair R. Beresford. Device Analyzer: Understanding smartphone usage. Proceedings of the 10th International Conference on Mobile and Ubiquitous Systems: Computing, Networking and Services (MobiQuitous), Tokyo, Japan, 2013. Published in a book, Mobile and Ubiquitous Systems: Computing, Networking and Services, pp 195–208, 2014. Springer. ISBN 978-3-319-11568-9. *Winner of the Best Academic Paper prize in the department in 2015, as judged by the Computer Lab Ring (the official department alumni association)*
- 33 Daniel T. Wagner, Andrew Rice and Alastair R. Beresford. Device Analyzer: Large-scale mobile data collection. ACM SIGMETRICS Performance Evaluation Review 41(4):53–56, 2014. ACM Press.

- 32 Sören Preibusch, Dorothea Kübler and Alastair R. Beresford. Price versus privacy: an experiment into the competitive advantage of collecting less personal information, *Electronic Commerce Research*, 13(4):423–455, 2013. Springer.
- 31 Sören Preibusch, Kat Krol and Alastair R. Beresford. The privacy economics of voluntary over-disclosure in Web forms. Proceedings of the 11th Workshop on the Economics of Information Security (WEIS), 2012. Post-proceedings published in a book, *The Economics of Information Security and Privacy*, pp 183–209, 2013. Springer. ISBN 978-3-642-39497-3.
- 30 Alastair R. Beresford, Dorothea Kübler, Sören Preibusch. Unwillingness to Pay for Privacy: A Field Experiment, *Economics Letters* 117(1):25–27, 2012. Elsevier.
- 29 Alastair R. Beresford, Andrew Rice, Nicholas Skehin and Ripduman Sohan. MockDroid: trading privacy for application functionality on smartphones. Proceedings of the 11th Workshop on Mobile Computing Systems and Applications (HotMobile), pp 49–54, 2011. ACM Press.
- 28 Jean Bacon, Andrei Iu. Bejan, Alastair R. Beresford, David Evans, Richard J. Gibbens and Ken Moody. Using Real-Time Road Traffic Data to Evaluate Congestion. *Dependable and Historic Computing*, LNCS 6875:93–117, 2011. ISSN 0302-9743.
- 27 Andrei Bejan, Richard Gibbens, David Evans, Alastair Beresford, Jean Bacon and Adrian Friday. Statistical Modelling and Analysis of Sparse Bus Probe Data in Urban Areas. Proceedings of the 13th IEEE Conference on Intelligent Transportation Systems, pp 1256–1263, 2010. IEEE Press.
- 26 Simon Hay, Stamatina Th. Rassaia and Alastair Beresford. Estimating personal energy expenditure with location data. In Proceedings of the IEEE Workshop on Pervasive Healthcare (PerHealth), pp 304–309, 2010. IEEE Press.
- 25 Sören Preibusch and Alastair R. Beresford. Establishing Distributed Hidden Friendship Relations. *Security Protocols XVII*. LNCS 7028:321–334, 2009. Springer.
- 24 Robin North, Jeremy Cohen, Steven Wilkins, Mark Richards, Neil Hoose, John Polak, Margaret Bell, Phil Blythe, Bayan Sharif, Jeff Neasham, Visalakshmi Suresh, Fabio Galatioto, Graeme Hill, Iq Mead, Rod Jones, Alastair Beresford, Haibo Chen, Karl Ropkins, Paul Goodman, Colin Oates, James Tate, Narasimha Ballijepalli. Field deployments of the MESSAGE system for environmental monitoring. *Traffic Engineering and Control* 50(11):484–488, 2009.
- 23 Jeremy Cohen, Robin North, Steven Wilkins, John Darlington, Yike Guo, Neil Hoose, Yajie Ma, John Polak, Visalakshmi Suresh, Paul Watson, Margaret Bell, Phil Blythe, Jeff Neasham, Mark Calleja, Mark Hayes, Alastair Beresford, Rod Jones, Iq Mead. Creating the MESSAGE infrastructure. *Traffic Engineering and Control* 50(11):480–483, 2009.
- 22 Andy Hopper, Andrew Rice and Alastair Beresford. Computing for the future of the planet. Published in a book by the Royal Academic of Engineering, *Engineering Change: Towards a sustainable future in the developing world*, pp 73–79, 2008. ISBN 1-903496-41-1.
- 21 Jonathan J. Davies, Alastair R. Beresford and Alan Mycroft. Language-based optimisation of sensor-driven distributed computing applications. Proceedings of Fundamental Approaches to Software Engineering (FASE), LNCS 4961:407–422, 2008. Springer.
- 20 Jean Bacon, Alastair R. Beresford, David Evans, David Ingram, Niki Trigoni, Alexandre Guitton and Antonios Skordylis. TIME: An open platform for capturing, processing and delivering transport-related data. Proceedings of IEEE Consumer Communications and Networking Conference, pp 687–691, 2008. IEEE Press.

- 19 Jonathan J. Davies and Alastair R. Beresford. Scalable Inter-Vehicular Applications. Proceedings of the Second International Workshop on Pervasive Systems (PerSys), LNCS 4806: 876–885, 2007. Springer-Verlag.
- 18 David Evans, Alastair R. Beresford, Trevor Burbridge and Andrea Soppera. Context-derived Pseudonyms for Protection of Privacy in Transport Middleware Applications. Proceedings of the IEEE Workshop on Pervasive Transport (PerTrans), pp 395–400, 2007. IEEE Press.
- 17 Joonwoong Kim, Alastair R. Beresford and Frank Stajano. Towards a Security Policy for Ubiquitous Healthcare Systems. Proceedings of the First International Conference on Ubiquitous Convergence Technology (ICUCT), LNCS 4412:263–272, 2007. Springer.
- 16 David N. Cottingham, Alastair R. Beresford and Robert K. Harle. Observations on the Practical Implementation of National-Scale Road User Charging. *Transport Reviews* 27(4):499–523, 2007. Taylor & Francis.
- 15 Jonathan J. Davies, Alastair R. Beresford and Andy Hopper. Scalable, Distributed, Real-time Map Generation. *IEEE Pervasive Computing* 5(4):47–54, 2006. IEEE Press.
- 14 Andrew C. Rice, Robert K. Harle and Alastair R. Beresford. Analysing fundamental properties of marker-based vision system designs. *Personal and Mobile Computing*, 2(4):453–471, 2006. Elsevier.
- 13 Alastair Beresford and David Scott. Data Privacy. Entry in *Wiley Encyclopedia of Computer Science and Engineering* (Benjamin Wah, ed.), John Wiley & Sons, Inc, 2008.
- 12 Alastair R. Beresford. Privacy issues in geographic information technologies. Published in a book by Springer, *Frontiers of Geographic Information Technology*, pp 257–277, 2006. ISBN 3-540-25685-7.
- 11 Richard Sharp, James Scott and Alastair R. Beresford. Secure mobile computing via public terminals. Proceedings of the Fourth International Conference on Pervasive Computing (Pervasive), LNCS 3968:238–253, 2006. Springer.
- 10 Alastair R. Beresford, Jonathan J. Davies and Robert K. Harle. Privacy-Sensitive Congestion Charging. Proceedings of the Fourteenth International Workshop on Security Protocols, LNCS 5087:97–104, 2006. Springer.
- 9 Andrew C. Rice and Alastair R. Beresford. Dependability and accountability for context-aware middleware systems. Proceedings of the IEEE Workshop on Middleware Support for Pervasive Computing (PerWare), pp 378–382, 2006. IEEE Press.
- 8 Andrew C. Rice, Alastair R. Beresford and Robert K. Harle. Cantag: an open source software toolkit for designing and deploying marker-based vision systems. Proceedings of the Fourth IEEE International Conference on Pervasive Computing and Communications (PerCom), pp 12–21, 2006. IEEE Press.
- 7 Sarah Mount, Elena Gaura, Robert M. Newman, Alastair R. Beresford, Sam R. Dolan and Michael Allen. Trove: a physical game running on an ad-hoc wireless sensor network. Proceedings of the Joint Conference on Smart Objects and Ambient Intelligence, pp 235–239, 2005. ACM Press.
- 6 Kieran Mansley, Alastair R. Beresford and David Scott. The carrot approach: encouraging the use of location systems. Proceedings of the Sixth International Conference on Ubiquitous Computing (UbiComp), LNCS 3205:366–383, 2004. Springer.
- 5 Alastair R. Beresford and Frank Stajano. Mix Zones: User privacy in location-aware services. Proceedings of the IEEE Workshop on Pervasive Computing and Communication Security (PerSec), pp 127–131, 2004. IEEE Press.

- 4 David Scott, Alastair Beresford and Alan Mycroft. Spatial Security Policies for Mobile Agents in a Sentient Computing Environment. Proceedings of Fundamental Approaches to Software Engineering (FASE), LNCS 2621:102–117, 2003. Springer. *This paper was awarded the Best Software Science Paper prize at ETAPS 2003.*
- 3 David Scott, Alastair Beresford and Alan Mycroft. Spatial Policies for Sentient Mobile Applications. Proceedings of the IEEE Fourth International Workshop on Policies for Distributed Systems and Networks (IEEE Policy), pp 147–157, 2003. IEEE Press.
- 2 Alastair R. Beresford and Frank Stajano. Location Privacy in Pervasive Computing. IEEE Pervasive Computing, 2(1):46–55, 2003.
- 1 R. M. Dennis, A. R. Beresford and K. M. Brown. Virtual University Research Initiative on Mobility. BT Technology Journal, 19(1):12–18, 2001.

Other reports, papers and editorships

- R12 Alastair R. Beresford. Whack-A-Mole Security: Incentivising the Production, Delivery and Installation of Security Updates. Proceedings of the International Workshop on Innovations in Mobile Privacy and Security (IMPS), 2016. CEUR Proceedings. ISSN 1613-0073. *Invited paper to summarize content of invited talk.*
- R11 Daniel T. Wagner, Daniel R. Thomas, Alastair R. Beresford and Andrew Rice. Device analyzer: a privacy-aware platform to support research on the Android ecosystem. Proceedings of the 8th ACM Conference on Security and Privacy in Wireless and Mobile Networks (WiSec), 11:1–2, 2015. ACM Press.
- R10 Alastair R. Beresford and Simon Gay (*Editors*) Proceedings of the Second International Workshop on Programming Language Approaches to Concurrency and Communication-cEntric Software. Electronic Proceedings of Theoretical Computer Science 17, February 2010. ISSN 2075-2180.
- R9 Andrew Rice, Paula Buttery, Idris A. Rai and Alastair Beresford. Language learning on a next-generation service platform for Africa. W3C Workshop on an African Perspective on the Role of Mobile Technologies in Fostering Social and Economic Development, Maputo, Mozambique, 2009.
- R8 Sören Preibusch and Alastair R. Beresford. Privacy-Preserving Friendship Relations for Mobile Social Networking. W3C Workshop on the Future of Social Networking, Barcelona, Spain, 2009.
- R7 David Evans, Jean Bacon, Alastair R. Beresford, Richard Gibbens and David Ingram. Time for change. Intertraffic World. 1(1):52–56, 2009.
- R6 Alastair R. Beresford and Jean Bacon. TIME for Better Transport. *Short work in progress report*. IEEE Pervasive Computing 5(4):63, 2006. IEEE Press.
- R5 David Evans and Alastair R. Beresford. Psuedonymous context-aware transport applications. Proceedings of the UK-Ubinet Workshop, 2006.
- R4 Robert Harle and Alastair Beresford. Keeping Big Brother off the road. IEE Review. 51(10):34–37, October 2005. ISSN 0953-5683.
- R3 Alastair R. Beresford. Location privacy in ubiquitous computing (Ph.D. dissertation), University of Cambridge Computer Laboratory Technical Report UCAM-CL-TR-612, 2005.
- R2 Alastair R. Beresford and Andrew C. Rice. Towards automated computation sharing for ubiquitous computing. British Council Workshop on Proactive Computing, Nizhni Novgorod, Russia. 2005.

- R1 Alastair Beresford, Csaba Kiss Kallo, Ursula Kretschmer, Friedemann Mattern and Martin Muehlenbrock. The First Summer School on Ubiquitous and Pervasive Computing. IEEE Pervasive Computing, 2(1):84-88, 2003.

Selected academic talks

- T13 *Smartphone Vulnerabilities*. Invited seminar speaker, Harvard University, 2016.
- T12 *Smartphone Vulnerabilities*. Invited keynote speaker at Innovations in Mobile Privacy and Security (IMPS), a workshop at the International Symposium on Engineering Secure Software Systems, London, 2016.
- T9-T11 *Smartphone Vulnerabilities*. Invited seminar speaker at Columbia University, Rutgers University and New York University (NYU), 2015.
- T8 *Smartphone Vulnerabilities*. Invited seminar speaker with webcast to all employees worldwide, Microsoft Research, Seattle, 2014.
- T7 *Smartphone Vulnerabilities*. Invited seminar speaker, Royal Holloway, London, 2014.
- T6 *MockDroid: trading privacy for application functionality on smartphones*. Invited seminar speaker, Department of Computing, Imperial College, 2011.
- T5 *Using sensors to improve public and private transport*. Invited talk at the British Council's Conference on Green ICT and Sensors in Gothenburg, 2010.
- T4 *Pollution monitoring in the streets of Cambridge*. Invited talk at the Cambridge Transport Event organised by the former Chief Scientific Adviser to the Department for Transport, Christ's College, Cambridge. This was a joint talk with Professor Rod Jones.
- T3 *TIME for better privacy*. Keynote talk at the Workshop on Privacy-Aware Location-based Mobile Services (PALMS) 2007; IEEE International Conference on Mobile Data Management (MDM'07).
- T2 *Privacy issues in geographic information technologies*. Invited talk at the Association of American Geographers Annual Meeting, 2006.
- T1 *Location privacy: technical issues and approaches*. Invited talk at BT Laboratories, Martlesham Heath, Suffolk, 2004.