

KIRSTIE HAWKEY

CONTACT INFORMATION

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RESEARCH INTERESTS

Human Computer Interaction (HCI), Usable Privacy and Security, Computer-Supported Cooperative Work (CSCW), Personal Information Management (PIM), Assistive Technology (persons with Alzheimer's Disease), Web Browsing Behaviour, Location-Aware Mobile Computing, and Universal Usability

EDUCATION

May 2007 **PhD in Computer Science**
Dalhousie University, Halifax, NS
Dissertation: Managing the visual privacy of incidental information in web browsers
Supervisor: Dr. Kori M. Inkpen
Committee: Dr. Raza Abidi, Dr. Carolyn Watters
External Examiner: Dr. Alfred Kobsa, UC Irvine

October 2000 **Bachelor of Computer Science**
Dalhousie University, Halifax, NS
Sexton Distinction
University Medal in Computing Science
(1998-2000 Dalhousie - GPA 4.26, 1997-1998 Saint Mary's University - GPA 4.23
1980-1981 Dalhousie - GPA 2.80)

ACADEMIC AWARDS

04/2008-03/2010 NSERC Postdoctoral Fellowship Award (PDF) - \$40,000 per year
09/2002-08/2004 NSERC Postgraduate Scholarship (PGS B) - \$19,100 per year
05/2002 Faculty of Computer Science Special Community Service Award - \$1,000
09/2001 - 08/2002 NSERC Postgraduate Scholarship (PGS A) - \$17,300
09/2001 - 08/2002 Eliza Ritchie Doctoral Scholarship for Women - \$3,600
05/2001 Dalhousie University Medal (highest Computer Science grades, class of 2000/2001)
09/2000 - 08/2001 NSERC Industrial Postgraduate Scholarship (IPS A) - \$19,300
01/2000 - 04/2000 Dalhousie University In Course Scholarship - \$2,000
09/2000 Bruce & Dorothy Rosetti Scholarship - \$4,000
05/1999 Barry Ward Fawcett Memorial Prize (highest grade, Discrete Math II) - \$150
09/1998 - 12/1998 Halifax-Dartmouth Real Estate Board Scholarship - \$500
09/1997 - 04/1998 St. Mary's University In Course Scholarship - \$750
09/1980 - 04/1981 Dalhousie Entrance Arts & Science Scholarship - \$1,500

PROFESSIONAL EMPLOYMENT

- 06/2007 - present **Post Doctoral Research Fellow**, University of British Columbia
Supervisors: Dr. Kosta Beznosov, Dept. of Electrical and Computer Engineering
Dr. Kellogg Booth, Dept. of Computer Science
- In ECE, I work in the LERSSE Lab (security) on usable security projects, including the HOT Admin project, which investigates how to improve the tools of security practitioners and the IdM project, which investigates how to improve identity management system. I also work on projects to improve the usability of personal firewalls, user accounts on operating systems, web 2.0 content sharing, and applications that require complex configuration of access control.
 - In CS, I work in the LSD Lab on co-located CSCW and large scale display projects. These include the Lacombe project which allows multiple users to concurrently display and interact with a large display on an ad hoc basis and the ARTIFACT project, which is investigating support for architects, engineers, and construction managers during planning sessions.
 - Research activities include designing experiments, writing ethics proposals, conducting studies and interviews, analysis, and writing results. Most research has been conducted in conjunction with students.
 - Project management activities include holding weekly project meetings, assisting with grant proposals, writing final project reports, setting project goals, and supervising and mentoring students and research assistants (see Student Supervision/Mentoring section for specific details).
- 01/2004 – 06/2007 **Research Assistant**, Supervisor: Dr. Kori Inkpen
Faculty of Computer Science, Dalhousie University
Research for the EDGE Lab on various co-located CSCW research projects. Experimental design, writing ethics proposals, recruitment, conducting studies, analysis, writing results.
- 05/2002 – 04/2005 **Web Development Consultant**
Family Help Project, Izaak Walton Killam Children's Hospital
Consulted on the user interface and technical issues of the Family Help website and on-line treatment program. Hired, supervised, and evaluated co-op students. Trained project staff to work with the systems developed.
- 03/2000 – 08/2003 **Research Assistant**, Supervisor: Dr. Jacob Slonim
Faculty of Computer Science, Dalhousie University
Conducted research as part of the KALI (adaptive interfaces) and SANDS (technology for Alzheimer's) research groups.
- 08/1983 – 10/1999 **Programming Assistant, Programming Secretary, Receptionist, Commercial Traffic Supervisor, Commercial Traffic Clerk, Accounting Clerk**
Metro Radio Group, Halifax, NS
Programming Assistant for 5 radio stations: payroll, hiring/training part-time/temporary staff, and scheduled Announcers. End-user programming of 2 radio stations (i.e., scheduling music and commercials, automation). Union President (1988-1999); trained in non-adversarial, interest-based bargaining.

TEACHING EXPERIENCE

Full Courses

- 01/2009 – 04/2009 **Sessional Instructor**, CPSC 530b (Topics in Information Processing: Field Research)
Department of Computer Science, University of British Columbia
- Local co-instructor (with Dr. Kellogg Booth) of a seminar style class of 6 graduate students for NECTAR's Qualitative Field Research for User-Centered Design of Technology course. Responsible for extending remote course material with examples from the literature of principles and techniques of field research, for creating assignments and project requirements, and for evaluating students.
- 09/2008 – 12/2008 **Sessional Instructor**, CPSC 544 (Human Computer Interaction)
Department of Computer Science, University of British Columbia
- Sole instructor of a seminar style class of 6 graduate students. Topics included user centered design, experimental evaluation, human motor capabilities, social interaction, user interface complexity, personal information management, computer supported cooperative work, usable privacy and security, and universal usability. Modified assignments and project requirements from prior years, responsible for evaluating students.
- 05/2003 – 08/2003 **Sessional Instructor**, CSCI 3120 (Operating Systems)
Faculty of Computer Science, Dalhousie University
- Sole instructor of a class of 59 undergraduate, Applied Masters and Electrical Engineering students. Responsible for course content and direction of TAs.
- 01/2002 – 04/2002 **Sessional Instructor**, CSCI 1100/1202 (Introductory Computer Science)
Faculty of Computer Science, Dalhousie University
- Sole instructor of a combined class of computer science (19) and science (27) students. Responsible for course content and direction of TAs.

Other

- 02/2005–11/2009 **Guest Lecturer**
“Usable Security”, CS 344 (Introduction to HCI Methods), UBC, November 17, 2009
“Usable Security”, ECE 412 (Computer Security), UBC, November 10 & 12, 2009
“Usable Security”, ECE 412 (Computer Security), UBC, October 31, 2008
“Usable Security”, ECE 412 (Computer Security), UBC, October 30, 2007
“Input”, CSCI 4163 (Human Computer Interaction), Dalhousie, February 10, 2005
- 08/2009-08/2009 **Co-Instructor**
Usable Security Unit (6 hours), ISSNET Summer School, Montreal, Quebec
Responsible for developing and delivering content, including relevant background in the field of usable security and hands-on exercises in experimental design
- 05/1999 – 04/2006 **Teaching Assistant**
Faculty of Computer Science, Dalhousie University
Responsibilities included giving tutorials, marking assignments and exams, providing feedback on group projects, office-hours, and exam invigilation. Each term, I was a teaching assistant for one or more courses, including:
- **Under Graduate Level Courses:** Discrete Math, Operating Systems, Software Engineering, User Interface Design, Human-Computer Interaction, Networks and Communication, Advanced Web Programming.
 - **Graduate Level Courses:** Digital Image Processing, Data Mining.

- 07/2002 – 08/2004 **Instructor**
 Strictly Girls Computer Camp, Mini University
 Faculty of Computer Science, Dalhousie University
- Developed materials for and taught several classes that introduced computer science topics to school-age children taking part in summer programs.

STUDENT SUPERVISION/MENTORING

- 09/2009 – current Andreas Sotirakopoulos, Masters student of Dr. Beznosov, ECE, UBC
- Assisting with the design and ethics application for a study that is replicating a CMU phishing study with a more generalizable (non-student) population.
- 07/2009 – current Garth Shoemaker, PhD student of Dr. Booth, CS, UBC
- Assisting with the design of a study to investigate distance and movement patterns of users working with large screen displays, as they respond to visual stimuli of varying resolutions and position. The goal is to develop a predictive model that can guide developers of applications for large screen displays in their placement of interface elements and their choice of input techniques.
- 05/2009 – current San-Tsai Sun, PhD student of Dr. Beznosov, ECE, UBC
- Assisting with HCI aspects of his research in the area of privacy and online social network sites
- 01/2009 – current Sara Motiee, PhD student of Dr. Beznosov (ECE), UBC
- Supervision of a research project investigating the usability of a website that requires end-user security configuration.
 - Supervision of her initial PhD project, which investigates users account control practices on their personal computers.
- 06/2008 – current Students of the Lacombe Project
- Russ MacKenzie, Research assistant of Dr. Booth, CS, UBC
 - Presley Perswain, Undergraduate student of Dr. Booth, CS, UC
 - Fahimeh Raja, PhD student of Dr. Beznosov (ECE) and Dr. Booth (CS), UBC
 - Overseeing student progress on system implementation through weekly meetings, provide feedback on design decisions
 - Providing feedback on privacy and security analysis and the development of study methodologies
 - Coordinating work towards a journal article about the project
 - Supervised and assisted with design, ethics application, and analysis for a study examining of window management techniques for the large screen.
- 03/2008 – current Fahimeh Raja, PhD student of Dr. Beznosov (ECE) and Dr. Booth (CS), UBC
- Daily supervision of thesis research in the area of usable security, with a focus on the usability of systems that require complex configuration by end users.
 - Assisting with brainstorming thesis direction, study design, ethics applications, and writing up results.
 - Projects include a study investigating the impact of revealing hidden network contexts on users' mental models of Vista Firewall study, and investigating complex configuration issues with wikis and conference management systems.

- 09/2007 – current Pooja Jaferian, PhD student of Dr. Beznosov, ECE, UBC
- Daily supervision of his thesis research in the area of usable security for security practitioners.
 - Research projects include developing a framework of guidelines for security tools (HOT Admin project) and investigating the process of deploying an identity management system and the usability of such tools (IdM project).
- 02/2009 – 12/2009 Drew Paulin, Masters student of Dr. Bartram, SIAT, SFU
- Member of his Supervisory committee
 - Assisted with the design and running of a study to investigate reputation and trust in the Reciprocity chat system
 - Provided early feedback on his thesis
- 11/2008 – 09/2009 Evgeny Maksakov, Masters student of Dr. Booth (CS), UBC
- Assisted with design of WhaleTank VR (collaborative FishTank VR for large screens) study and helped guide analysis
 - Held regular progress meetings during study and thesis writing
 - Provided feedback on 1st draft of thesis
- 06/2007 – 09/2009 Joel Lanir, PhD student of Dr. Booth, CS, UBC
- Mentored through a weekly group meeting of PhD students: set goals, discussed progress, brainstormed research problems
 - Assisted in Winter 2009 with design and running of study to investigate learning effects of the MultiPresenter presentation software Joel developed for his thesis.
 - Provided feedback on early drafts of several thesis chapters.
- 06/2007 – 07/2009 David Botta, Research Assistant, HOT Admin project, ECE, UBC
- Mentored and provided feedback on his research applying a distributed cognition framework to errors and suboptimal situations during ITSM
 - Directed his involvement with various HOT Admin sub projects.
- 06/2007 – 09/2008 Rodrigo Werlinger, Masters student of Dr. Beznosov, ECE, UBC
- Daily supervision of his thesis research in the area of usable security for security practitioners, which fell within the HOT Admin project.
 - Research themes included challenges of ITSM, collaborative interactions, intrusion detection systems, and diagnostic work during security incident response.
 - Provided feedback on his thesis draft.
- 01/2004-09/2006 David Dearman, Masters student of Dr. Inkpen, CS, Dalhousie
- Mentored during his first research project, which investigated the impact of mobile technology on rendezvous behavior. Subsequently, this project developed into his thesis topic.

PROFESSIONAL ACTIVITIES

- Organizing Committee**
- **Conferences:**
 - Symposium On Usable Privacy and Security (SOUPS): Tutorials and Workshops Chair (2010)
 - ACM-USENIX Symposium on Computer Human Interaction for Management of Information Technology (CHIMIT): Treasurer (2009), Posters Chair (2009)
 - ACM SIGCHI Conference on Human Factors in Computing Systems (CHI): Student Volunteer Co-chair (2007, 2008)
 - **Workshops:**
 - Personal Information Management (PIM), a 2-day ASIS&T workshop (2009): Local Arrangements Coordinator
 - Logging Traces of Web Activity: The Mechanics of Data Collection, 1-day Worldwide Web Conference (WWW) workshop (2006)
 - **In-House Conferences:**
 - Past Chair, 2nd Annual Dalhousie Computer Science In House conference (2003)
 - Co-Chair of Inaugural Dalhousie Computer Science In House conference (2002)
- Program Committee**
- **Conferences:**
 - ACM SIGCHI Conf. on Human Factors in Computing Systems (CHI): Associate Chair for Works-in-Progress committee (2009); Associate Chair for Papers/Notes, Interaction Beyond the Individual sub-committee (2010)
 - ACM Symp. on Applied Computing (SAC): Privacy on the Web Technical Track (2010)
 - ACM-USENIX Symp. on Computer Human Interaction for Management of Information Technology (CHIMIT) (2009)
 - IFIP Conf. on Human-Computer interaction (Interact): Full papers (2009)
 - Graphics Interface (GI): HCI Track (2008, 2009)
 - **Workshops**
 - Understanding the user - Logging and interpreting user interactions in information search and retrieval (UIIR), 1-day SIGIR workshop (2009)
 - Personal Information Management (PIM): 2-day CHI workshop (2008); 2-day ASIS&T workshop (2009)
 - Media Studies and Implementations that Help Improve Access for Disabled Users (MSIADU), 1-day Multimedia Conference workshop (2009)
 - Security and Privacy in Online Social Networking (SPOSN), 1-day joint workshop at IEEE PASSAT and IEEE SocialCom (2009)
- Guest Journal Editor**
- Co-Editor of the Special Issue on Logging Traces of Web Activity, Journal of Web Engineering, Volume 6, No. 3 (2007).
- Reviewer**
- **Journals, Magazines, Book Chapters:**
 - IEEE Pervasive Computing: 2010
 - International Journal of Information Management: 2009
 - Pervasive and Mobile Computing: 2009
 - Transactions on Accessible Computing: 2009
 - IEEE Computer: 2007, 2008
 - Handbook of Web Log Analysis: 2007
 - Transactions on Information Systems: 2007
 - Journal of Web Engineering: 2007
 - International Journal of Human-Computer Interaction: 2006

- **Conferences, Workshops:**
 - Graphics Interface (GI): 2005, 2010
 - ACM Int. Conf. on Intelligent User Interface (IUI): 2010
 - Network & Distributed System Security Symposium (NDSS): 2009, 2010
 - Annual Computer Security Applications Conference (ACSAC): 2009
 - ACM Conf. on Computer Supported Cooperative Work (CSCW): 2006, 2008, 2010
 - ACM Computer and Communications Security Conference (CCS): 2009
 - IFIP Conference on Human-Computer interaction (Interact): 2009
 - ACM Conf. on Human Factors in Computing Systems (CHI): 2005, 2006, 2007, 2008, 2009
 - Symposium on Access Control Models and Technologies (SACMAT): 2008, 2009
 - Hawaii International Conference on System Sciences (HICSS): 2009
 - New Security Paradigms Workshop (NSPW): 2008
 - Symp. on HCI for Management of Information Technology (CHIMIT): 2008
 - IEEE Tabletops and Interactive Surfaces (Tabletop): 2008
 - Web 2.0 Security and Privacy (W2SP): 2008
 - European Conf. on Computer Supported Co-operative Work (ECSCW): 2007
 - Int. Symp. on Electronic Commerce (ISEC): 2001

Association Memberships

- IEEE: Member, 2009-present
- Association for Computing Machinery: Member, 2007-present
- Association for Computing Machinery: Student Member, 2006

Student Volunteer

- Conf. on Human Factors in Computing Systems (CHI): 2002, 2003, 2004, 2005, 2006
- Graphics Interface (GI): 2003, 2005
- Computer Supported Cooperative Work (CSCW): 2004, 2006
- Mathematics of Information Technology and Complex Systems (MITACS): 2003
- Web Intelligence (WI): 2003
- Conference on Universal Usability (CUU): 2003

University Service

- Judge, Rising Stars of Research National Undergraduate Science & Engineering Research Poster Competition (UBC, August 2009)
- Volunteer, Faculty of Computer Science Open House (Dalhousie, 2002-2006)
- Student representative, Faculty of Computer Science Search Committee (Dalhousie, 2002)
- Organizer of student-led study groups during Faculty strike (Dalhousie, 2002).
 - Study group leader for CSCI 1100 (Intro to CS) and CSCI 2113 (Discrete Math II).
 - Email support and assignment critiques for CSCI 3130 (Software Engineering) and CSCI 4144 (Data Mining).
- Student representative for Faculty of Computer Science Graduate Committee (Dalhousie, 2001-2003)

Other Service

- Walter Gage Toastmasters: VP Public Relations (June, 2007 to January, 2008)
- Let's Talk Science: Assisted with Dalhousie chapter website (Winter, 2001)
- North End Day Care Centre: Member, Board of Directors (1989-1992)

PUBLICATIONS AND PRESENTATIONS

(* denotes the presenter of the work, where applicable)

Reviewed Journal and Magazine Articles

1. Werlinger, R., **Hawkey, K.**, Botta, D., and Beznosov, K. (2009). Security Practitioners in Context: Their Activities and Interactions with Other Stakeholders within Organizations. *Int. Journal of Human-Computer Studies*. 67(7): 584-606.
2. Werlinger, R., **Hawkey, K.**, and Beznosov, K. (2009). An Integrated View of Human, Organizational, and Technological Challenges of IT Security Management. *Journal of Information Management & Computer Security*. 17(1):4-19.
3. **Hawkey, K.**, Muldner, K, and Beznosov, K. (2008). Searching for the Right Fit: Balancing IT Security Management Model Tradeoffs. *IEEE Internet Computing Magazine*. 12(3):22-30.
4. Kellar, M., **Hawkey, K.**, Inkpen, K.M., and Watters, C. (2008). Challenges of Capturing Natural Web-based User Behaviours. *Intl. Journal of Human Computer Interaction*. 24(4):385-409.
5. Tan, D.S., Gergle, D., Mandryk, R., Inkpen, K., Kellar, M., **Hawkey, K.**, Czerwinski, M. (2008). Using Job-Shop Scheduling Tasks for Evaluating Collocated Collaboration. *Personal and Ubiquitous Computing*. (Springer Online First: 24 February 2007), 12(3), 255-257.
6. Dearman, D., **Hawkey, K.**, and Inkpen, K.M. (2005). Rendezvousing with Location-Aware Devices: Enhancing Social Coordination. *Interacting with Computers*, 17(5): 542-566.
7. Chiasson, T., **Hawkey, K.**, McAllister, M., and Slonim, J. (2002). An architecture in support of universal access to electronic commerce. *Journal of Information and Software Technology*, 44(5): 279-289.

Reviewed Book Chapters

8. **Hawkey, K.** (2008). Privacy issues associated with Web logging data. In B. J. Jansen, A. Spink & I. Taksa (Eds.), *Handbook of Research on Web Log Analysis*. Hershey, PA: IGI. 80-99.
9. **Hawkey, K.** and Kellar, M. (2008). Recommendations for reporting Web usage studies. In B. J. Jansen, A. Spink & I. Taksa (Eds.), *Handbook of Research on Web Log Analysis*. Hershey, PA: IGI. 181-205.

Reviewed Research Papers

Full Papers

10. Sun, S.T.*, **Hawkey, K.**, and Beznosov, K. (2009). Secure Web 2.0 Content Sharing Beyond Walled Gardens. *Proc. of Annual Computer Security Applications Conference (ACSAC 2009)*, Honolulu, HI, December 7-11, 2009, 409-418. (~19% Acceptance Rate)
11. Jaferian, P., Botta, D., **Hawkey, K.***, and Beznosov, K. (2009). A Case Study of IdM Adoption in an Insurance Organization. *Proc. of ACM Symposium on Human Computer Interaction for Management of Information Technology (CHIMIT 2009)*, Baltimore, MD, November 7-8, 2009, 46-55. (~33% Acceptance Rate).
12. Raja, F.*, **Hawkey, K.**, and Beznosov, K. (2009). Revealing Hidden Context: Improving Mental Models of Personal Firewall Users. *Proc. of Symposium on Usable Privacy and Security (SOUPS 2009)*, Mountain View, CA, July 15-17, 2009, Paper 1: 1-12. (~31% Acceptance Rate).
13. Werlinger, R., Muldner, K., **Hawkey, K.***, and Beznosov, K. (2009). Towards Understanding Diagnostic Work during the Detection and Investigation of Security Incidents. *Proc. of Int. Symposium on Human Aspects of Information Security & Assurance (HAISA 2009)*, Athens, Greece, June 25-26, 2009, 119-132.
14. Jaferian, P., Botta, D., Raja, F., **Hawkey, K.***, and Beznosov, K. (2008). Guidelines for design of IT security management tools. *Proc. of ACM Symposium on Human Computer Interaction for Management of Information Technology (CHIMIT 2008)*, San Diego, CA, November 14-15, 2008, Article 7:1-10. (~29% Acceptance Rate).
15. **Hawkey, K.*** (2008). Exploring a Human-Centered Approach to Managing Visual Privacy Concerns during Collaboration. *Proc. of 3rd ACM International Workshop on Human-Centered Computing (HCC 2008)*. Vancouver, BC, October 31, 2008, 69-76 (~73% Acceptance Rate).
16. Werlinger, R., **Hawkey, K.***, Muldner, K., Jaferian, P., and Beznosov, K. (2008). The Challenges of Using an Intrusion Detection System: Is It Worth the Effort? *Proc. of Symposium on Usable Privacy and Security (SOUPS 2008)*, Pittsburgh, PA, July 23-25, 2008, 107-116 (~26% Acceptance Rate).

17. Werlinger, R., **Hawkey, K.**, and Beznosov, K. (2008). Human, Organizational, and Technological Challenges of Implementing IT Security in Organizations. *Proc. of Int. Symposium on Human Aspects of Information Security & Assurance (HAISA 2008)*, Plymouth, UK, July 8-9, 2008, 35-47. (**Best Paper Award**, presented by K. Muldner).
18. Birnholtz, J.*, Gutwin, C., and **Hawkey, K.** (2007). Privacy in the Open: How Attention Mediates Awareness and Privacy in Open-Plan Offices. *Proc. of Int. Conf. on Supporting Group Work (Group 2007)*, Florida, USA, November 2007, 51-60. (~29% Acceptance Rate).
19. **Hawkey, K.***, Inkpen, K.M. (2007). PrivateBits: Managing Visual Privacy within Web Browsers, *Proc. of Graphics Interface (GI 2007)*, Montreal, Canada, May 2007, 215-233. (~40% Acceptance Rate).
20. **Hawkey, K.*** and Inkpen, K.M. (2006). Examining the Content and Privacy of Web Browsing Incidental Information. *Proc. of 15th Int. World Wide Web Conference (WWW 2006)*, Edinburgh, UK, May 2006, 123-132. (~11% Acceptance Rate).
21. **Hawkey, K.*** and Inkpen, K.M. (2006). Keeping up Appearances: Understanding the Dimensions of Incidental Information Privacy. *Proc. of ACM Conf. on Human Factors in Computing Systems (CHI 2006)*, Montreal, PQ, April 2006, 821-830. (~23% Acceptance Rate).
22. **Hawkey, K.**, Kellar, M., Reilly, D., Whalen, T., and Inkpen*, K.M. (2005). The Proximity Factor: Impact of Distance on Co-located Collaboration. *Proc. of ACM Conf. on Supporting Group Work (GROUP)*. Sanibel Island, FL, USA, November 2005, 31-40. (~26% Acceptance Rate).
23. **Hawkey, K.***, Inkpen, K.M., Rockwood, K., McAllister, M. and Slonim, J. (2005). Requirements Gathering with Alzheimer's Patients and Caregivers. *Proc. of 7th Int. ACM SIGACCESS Conf. on Computers and Accessibility (ASSETS 2005)*. Baltimore, MD, USA, October 2005, 142-149. (~38% Acceptance Rate).
24. Slonim*, J., McAllister, M., Rockwood, K., Chiasson, T., Gates, C., and **Hawkey, K.** (2001). A Human-Centric Architecture for Personalization and Privacy. *Proc. of Int. Conf. on Advances in Infrastructure for Electronic Business, Science, and Education on the Internet (SSGRR'2001)*, L'Aquila: Italy, August 6-11, 2001.

Short Papers

25. Werlinger, R.*, **Hawkey, K.**, and Beznosov, K. (2008). Security practitioners in context: Their activities and interactions. *Ext. Abstracts of ACM Conf. on Human Factors in Computing Systems (CHI 2008)*. Florence, Italy, 3789-3794. (Student Research Competition, ~30% Acceptance Rate).
26. **Hawkey, K.*** and Inkpen, K.M. (2005). Privacy gradients: exploring ways to manage incidental information during co-located collaboration. *Ext. Abstracts of ACM Conf. on Human Factors in Computing Systems (CHI 2005)*. Portland, OR, USA, 1431 – 1434. (short talk)(~25% Acceptance Rate).
27. Dearman, D.*, **Hawkey, K.**, and Inkpen, K.M. (2005). Effect of location-awareness on rendezvous behaviour. *Ext. Abstracts of ACM Conf. on Human Factors in Computing Systems (CHI 2005)*. Portland, OR, USA, 1929 - 1932. (short talk)(~25% Acceptance Rate).
28. **Hawkey, K.*** and Inkpen, K.M. (2005). Web browsing today: the impact of changing contexts on user activity. *Ext. Abstracts of ACM Conf. on Human Factors in Computing Systems (CHI 2005)*. Portland, OR, USA, 1443 - 1446. (poster)(~40% Acceptance Rate).
29. Kellar, M.*, Reilly, D.*, **Hawkey, K.***, Rodgers, M., MacKay, B., Dearman, D.*, Ha, V., MacInnes, J.W., Nunes, M., Parker, J.K.*, Whalen, T.*, and Inkpen, K.M. (2005). It's a Jungle Out There: Practical Considerations for Evaluation in the City. *Ext. Abstracts of ACM Conf. on Human Factors in Computing Systems (CHI 2005)*. Portland, OR, USA, 1533 – 1536. (poster)(~40% Acceptance Rate).
30. **Hawkey, K.***, Kellar, M.*, MacKay, B.*, Parker, J.K.*, and Reilly, D.* (2004). Designing a visual audience voting system. *Ext. Abstracts of ACM Conf. on Human Factors in Computing Systems (CHI 2004)*, April 2004, Vienna, Austria, 1641-1645. (Student Competition Finalists, 5th place).

Reviewed Abstracts (Posters, Demos, Presentations, Workshops Organized)

31. Jaferian, P., Botta, D., **Hawkey, K.***, and Beznosov, K. (2009). Towards Adapting Nielsen's Heuristics for Evaluation of IT Security Management Tools. Poster presented at the *ACM Symposium on Human Computer Interaction for Management of Information Technology (CHIMIT 2009)*, Baltimore, MD, November 7-8, 2009. (3 pages).

32. Jaferian, P.*, Botta, D., **Hawkey, K.***, Beznosov, K. (2009). Towards Improving Identity Management Systems Through Heuristic Evaluation. Poster presented at the *USENIX Security Symposium (USENIX-SEC 09)*, Montreal, Quebec, August 12-14, 2009. (4 pages).
33. Raja, F.*, **Hawkey, K.***, Booth, K.S. (2009). Developing security and privacy requirements for a Local Area Collaborative Meeting Environment (LACOME). Poster presented at the *USENIX Security Symposium (USENIX-SEC 09)*, Montreal, Quebec, August 12-14, 2009. (3 pages).
34. Motiee, S.*, **Hawkey, K.***, and Beznosov, K. (2009). Towards Investigating User Account Control Practices in Windows Vista. Poster presented at the *USENIX Security Symposium (USENIX-SEC 09)*, Montreal, Quebec, August 12-14, 2009. (3 pages).
35. Jaferian, P.*, Botta, D., **Hawkey, K.***, Beznosov, K. (2009). A Multi-method Approach for User-centered Design of Identity Management Systems. Poster presented at the *Symposium on Usable Privacy and Security (SOUPS 2009)*, Mountain View, CA, July 15-17, 2009. (2 pages).
36. MacKenzie, R.*, Booth, K.S., **Hawkey, K.***, and Staub-French, S. (2009) Projected Fishtank Virtual Reality for Architectural Models. In *Poster Abstracts of Graphics Interface*, Kelowna, BC, 5-6.
37. MacKenzie, R.*, Liu, Z., Perswain, P., **Hawkey, K.***, and Booth, K.S. (2009) Lacome: The Large Collaborative Meeting Environment. In *Poster Abstracts of Graphics Interface*, Kelowna, BC, 7-8.
38. Maksakov, E.*, **Hawkey, K.**, and Booth, K.S. (2009). Whale Tank Virtual Reality: Collaboration in VR Using a Large Screen. In *Poster Abstracts of Graphics Interface*, Kelowna, BC, 9-10.
39. Raja, F.*, **Hawkey, K.***, and Beznosov, K. (2009). Towards Improving Mental Models of Personal Firewall Users. In the *Ext. Abstracts of ACM Conf. on Human Factors in Computing Systems (CHI 2009)*. Boston, MA, USA, 4633-4638. (Work-in-progress).
40. Werlinger, R.*, **Hawkey, K.**, and Beznosov, K. (2008). Responding to security incidents: Are security tools everything you need? Presented at *20th Annual Forum of Incidence Response and Security Teams Conference (FIRST 2008)*, Vancouver, Canada, June 2008. (Reviewed Extended Abstract, 4 pages).
41. **Hawkey, K.***, Botta, D., Werlinger, R., Muldner, K., Gagne, A., and Beznosov, K. (2008). Human, Organizational, and Technological Factors of IT Security. *Ext. Abstracts of ACM Conf. on Human Factors in Computing Systems (CHI 2008)*. Florence, Italy, 3639-3644. (Research Landscape).
42. **Hawkey, K.*** and Inkpen, K.M. (2006). PrivateBits: Managing Visual Privacy in the Web Browser. Demonstration at *ACM Conf. on Computer Supported Cooperative Work (CSCW 2006)*. Banff, AB, November 4-8, 2006. (2 pages).
43. **Hawkey, K.*** and Inkpen, K.M. (2006). Managing Visual Privacy within the Web Browser. Poster presentation at *Symposium on Usable Privacy and Security (SOUPS) 2006*. Pittsburgh, PA, July 12-14, 2006. (4 pages).
44. Edmonds, K.A.*, **Hawkey, K.***, Kellar, M.*, Turnbull, D.* (2006) Logging Traces of Web Activity: The Mechanics of Data Collection, a Workshop at the *15th Int. World Wide Web Conference (WWW 2006)*, Edinburgh, UK, May 2006.
45. Inkpen, K.M., **Hawkey, K.**, Kellar, M., Mandryk, R.L., Parker, J.K.*, Reilly, D., Scott, S.D. and Whalen, T. (2005). Exploring Display Factors that Influence Co-Located Collaboration: Angle, Size, Number, and User Arrangement. *Proc. of 11th International Conference on Human-Computer Interaction (HCI International 2005)*. Las Vegas, USA, July 2005. CD ROM. 10 pages (Reviewed extended abstract, ~39% Acceptance Rate).
46. **Hawkey, K.*** and Inkpen, K.M. (2005). Managing the Privacy of Incidental Information during Collaboration. Poster presentation at *Graphics Interface 2005 (GI 2005)*. Victoria, Canada, May 2005. (2 pages).
47. **Hawkey, K.*** (2003). Design of a device to assist with repetitive questions in patients with Alzheimer's Disease. Poster presentation at *Graphics Interface 2003 (GI 2003)*. Halifax, Canada, June 2003. (2 pages).

Non-Reviewed Journal and Magazine Contributions

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48. Edmonds, A., **Hawkey, K.**, Jansen, B., Kellar, M. and Turnbull, D. (2007). Editorial: Introduction to the Special Issue on Logging Traces of Web Activity. *Journal of Web Engineering*, 6 (3): 193-195.

Workshop Position Papers

49. **Hawkey, K.*** (2009). Examining the Shifting Nature of Privacy, Identities, and Impression Management with Web 2.0. Presented at *Security and Privacy in Online Social Networking (SPOSN 09)*, a joint workshop of SocialCom-09 and PASSAT-09; in Proceedings of IEEE 2009 Int. Conf. on Computational Science and Engineering, 990-995.
50. Sun, S.T.*, **Hawkey, K.**, and Beznosov, K. (2009). Towards Enabling Web 2.0 Content Sharing Beyond Walled Gardens. Presented at *Security and Privacy in Online Social Networking (SPOSN 09)*, a joint workshop of SocialCom-09 and PASSAT-09; in Proceedings of IEEE 2009 Int. Conf. on Computational Science and Engineering, 979-984.
51. **Hawkey, K.*** (2008). Usable Security for Persons with Alzheimer's Disease. Presented at the *Symposium on Accessible Privacy and Security (SOAPS 2008)*, a SOUPS 2008 workshop. Pittsburgh, PA, July 23, 2008. (3 pages).
52. Jaferian, P., Botta, D., **Hawkey, K.***, and Beznosov, K. (2008). Design Guidelines for IT security management tools. Presented at the *Workshop on Usable IT Security Management (USM '08)*, a SOUPS 2008 workshop, Pittsburgh, PA, July 23, 2008. (6 pages).
53. **Hawkey, K.*** (2008). A Model of Visual Privacy Concerns for PIM Systems. *Personal Information Management Workshop (PIM 2008)*, a CHI 2008 2-Day Workshop. Florence, Italy, April 5-6, 2008 (Position paper; PIM to GIM Panel Moderator; <http://pim2008.ethz.ch/papers/pim2008-hawkey.pdf>).
54. **Hawkey, K.*** and Inkpen, K.M. (2006). Incidental Information Privacy and PIM. Presentation at the *Personal Information Management Workshop (PIM 2006)*, a SIGIR 2006 2-Day Workshop. Seattle, WA, August 10-11, 2006, 67-70.
55. **Hawkey, K.*** (2006). Mission Impossible? Capturing Rich Yet Natural User Behaviour on the Web. Presentation at the *Workshop on Logging Traces of Web Activity: The Mechanics of Data Collection*, WWW 2006. Edinburgh, Scotland, May 23, 2006. (4 pages).
56. **Hawkey, K.*** (2006). Privacy Research: A Mixed Methodology Approach. Presentation at the *Workshop on Privacy and HCI: Methodologies for Studying Privacy Issues*, CHI 2006. Montreal, Canada, April 23, 2006. (4 pages).
57. Dearman, D.* and **Hawkey, K.** (2005). Exploring the Behavioural Effect of Location-Awareness within the Social Context of Rendezvousing. *Workshop on the Social Implications of Ubiquitous Computing*, CHI 2005. Portland, OR, April 4, 2005. (4 pages).
58. **Hawkey, K.*** (2005). Privacy Management of Incidental Information During Collaboration: Data Analysis and Evaluation Challenges. Presentation at the *Workshop on Usage Analysis: Combining Logging and Qualitative Methods*, CHI 2005. Portland, OR, April 3, 2005. (4 pages).

Thesis

59. **Hawkey, K.** (2007). Managing the visual privacy of incidental information in web browsers. *Unpublished PhD Dissertation. Dalhousie University*, March 29, 2007.

Technical Reports and Other In-House Publications

60. Kaviani, N., **Hawkey, K.**, and Beznosov, K. (2008). Analyzing the Security and Usability of a Two-factor Authentication Mechanism Using Mobile Phones. Tech Report No. LERSSE-TR-2008-03. *Laboratory for Education and Research in Secure Systems Engineering, Dept. of Electrical and Computer Engineering, University of British Columbia*, Vancouver, British Columbia, Canada. (27 pages).
61. **Hawkey, K.*** (2005). Incidental Information Privacy. Talk Session. *Proc. of Dalhousie Computer Science In-House Conference*, 33-34.
62. **Hawkey, K.***, Kellar, M., Mandryk, R., and Inkpen, K.M. (2005). Gesture Support in Shared Display Environments. Talk Session. *Proc. of Dalhousie Computer Science In-House Conference*, 45-46.
63. **Hawkey, K.** and Kellar, M. (2004). Recommendations for reporting context in studies of web browsing behaviour. Tech Report No. CS-2004-16, *Faculty of Computer Science, Dalhousie University*, Halifax, Canada. (28 pages).
64. **Hawkey, K.*** (2004). Managing Privacy during Ad Hoc Collaboration. Talk Session. *Ext. Abstracts of Dalhousie Computer Science In-House Conference*. pp. 41-42.

65. Dearman, D.* and **Hawkey, K.** (2004). Exploring Handheld Technology in the Social Act of Rendezvousing. Talk Session. *Ext. Abstracts of Dalhousie Computer Science In-House Conference*, 43-44.
66. Chung, H., Dearman, D., Ha, V., **Hawkey, K.**, Inkpen, K.*, Kellar, M., MacKay, B., Nunes, M., Parker, K., Reilly, D., Rodgers, M., and Whalen, T. (2004). Shared Annotations for Collaboration on Handheld Computers. Talk Session. *Ext. Abstracts of Dalhousie Computer Science In-House Conference*, 47-48.
67. **Hawkey, K.*** (2003). Design of a Device to Assist with Repetitive Questions in Patients with Alzheimer's Disease. Poster Session. *Abstracts of Dalhousie Computer Science In-House Conference*.
68. **Hawkey, K.*** (2002). Increasing Accessibility through Personalization. Poster Session. *Abstracts of Dalhousie Computer Science In-House Conference*. 1: 28.

Invited Presentations

69. Raja, F.*, **Hawkey, K.**, and Beznosov, K. (2009). Revealing Hidden Context: Improving Mental Models of Personal Firewall Users. Talk presented at *Microsoft Research*. Redmond, WA, July 13, 2009.
70. Raja, F.*, **Hawkey, K.***, and Beznosov, K. (2009). Towards Improving Mental Models of Personal Firewall Users. Poster presented at the *NECTAR Annual General Meeting*. Calgary, AB, May 28, 2009.
71. Maksakov, E.*, **Hawkey, K.**, and Booth, K.S. (2009). Whale Tank Virtual Reality: Collaboration in VR Using a Large Screen. Poster presented at the *NECTAR Annual General Meeting*. Calgary, AB, May 28, 2009.
72. MacKenzie, R.*, Booth, K.S. Booth, **Hawkey, K.***, and Staub-French, S. (2009) Projected Fishtank Virtual Reality for Architectural Models. Poster presented at the *NECTAR Annual General Meeting*. Calgary, AB, May 28, 2009.
73. MacKenzie, R.*, Liu, Z., Perswain, P., **Hawkey, K.***, Booth, K.S (2009). Lacombe: A Large Collaborative Meeting Environment. Poster presented at the *NECTAR Annual General Meeting*. Calgary, AB, May 28, 2009.
74. **Hawkey, K.*** (2009). Personal Firewalls. Invited Talk. *Vancouver Security SIG*, Vancouver, British Columbia, March 13, 2009.
75. **Hawkey, K.***, Botta, D., Werlinger, R., Muldner, K., Gagne, A., and Beznosov, K. (2008). Human, Organizational, and Technological Factors of IT Security. Re-presentation of CHI 2008 Research Landscape Poster. Poster session, *Symposium on Usable Privacy and Security (SOUPS 2008)*, Pittsburgh, Pennsylvania, July 23, 2008.
76. **Hawkey, K.*** (2008). The HOT Admin Project: Human, Organizational, and Technological Factors of IT Security. Invited Talk. *Vancouver Security SIG*, Vancouver, British Columbia, July 16, 2008.
77. **Hawkey, K.*** (2008). Usable Privacy and Security: Challenges and Future Research Directions. Invited Talk. *Applied Computer Science, The University of Winnipeg*, March 24, 2008.
78. **Hawkey, K.***. (2008). Managing Visual Privacy during Informal Collaboration. Invited Talk. *Faculty of Information and Media Studies, University of Western Ontario*, February 13, 2008.
79. **Hawkey, K.***, Muldner, K.*, and Beznosov, K. (2008). Searching for the Right Fit: Considerations when Balancing IT Security Management Model Tradeoffs. Poster presentation at the *9th Annual Privacy and Security Conference*, Victoria, British Columbia, February 2008.
80. Werlinger, R.*, **Hawkey, K.***, and Beznosov, K. (2008). Security practitioners in context: Their activities and collaborative interactions. Poster presentation at the *9th Annual Privacy and Security Conference*, Victoria, British Columbia, February 2008.
81. **Hawkey, K. *** (2007). Supporting Informal Collaboration. Invited Talk. *Department of Management Sciences, Faculty of Engineering, University of Waterloo*, May 9, 2007.
82. **Hawkey, K. *** (2007). Managing Visual Privacy of Incidental Information within Web Browsers. Invited Talk. *2006-2007 Department Seminar Series, Department of Computer Science, University of Saskatchewan*, January 18, 2007.
83. **Hawkey, K. *** (2006). Managing Visual Privacy of Incidental Information within Web Browsers. Invited Talk. *Laboratory for Education and Research in Secure Systems Engineering Group, Electrical and Computer Engineering, University of British Columbia*, November 17, 2006.
84. **Hawkey, K. *** (2006). PrivateBits: Managing Visual Privacy in the Web Browser. Poster and demonstration at the *NECTAR Annual General Meeting*. Banff, AB, November 9, 2006.

85. Dearman, D.*, **Hawkey, K.**, and Inkpen, K.M. (2005). Impact of Location-Awareness on Rendezvous Behaviour and Communication. *Int'l. Workshop on Location-and Context-Awareness (LoCA 2005)* in cooperation with Pervasive 2005, Oberpfaffenhofen, Germany, May 12-13, 2005. (Paper presented and distributed to attendees, but withdrawn from printed proceedings, ~39% Acceptance Rate).
86. **Hawkey, K. *** (2005) Privacy Gradients: Exploring Ways to Manage Incidental Information during Co-located Collaboration. Invited Talk. *Interaction Design Reading Group, Computer Science, University of British Columbia*, April 25, 2005.
87. **Hawkey, K. *** (2003). Design of a Device to Assist with Repetitive Questions in Alzheimer's Patients. Invited Talk at the 6th *Annual Symposium on the Treatment of Alzheimer's Disease*, Halifax, Nova Scotia, November 28, 2003.
88. **Hawkey, K. *** (2002). Invited Participant. *Silicon and Synapses, a Precarn Workshop on Web Intelligence for Functionally Illiterate and Cognitively Impaired Populations*. Halifax, Nova Scotia, November 21-23, 2002.
89. **Hawkey, K. *** (2001). A Human-Centric Layer in Support of Diverse Users and Devices. *Doctoral Consortium Poster Session at User Modeling 2001 (UM 2001)*. Germany, June 2001.

Submissions Under Review

90. MacKenzie, R., **Hawkey, K.**, Perswain, P., and Booth, K.S. (submitted) Evaluating Window Manipulation Techniques on a Large Screen Display. Submitted December 21, 2009 to *Graphics Interface (GI 2010)* (#174, Full paper, 8 pages).
91. Maksakov, E., Booth, K.S., and **Hawkey, K.** (submitted). Whale Tank Virtual Reality. Submitted December 21, 2009 to *Graphics Interface (GI 2010)* (#137, Full paper, 8 pages).
92. Lanir, J., Booth, K.S., and **Hawkey, K.** (submitted). The Benefits of More Electronic Screen Space on Students' Retention of Material in Classroom Lectures. Submitted December 14, 2009, to *Computers & Education*. (CAE-D-09-00864, Journal article, 18 pages)
93. Sun, S.T., **Hawkey, K.**, and Beznosov, K. (submitted). Web Single Sign-On with OpenID_{email} Enabled Browser. Submitted November 2, 2009, to the *World Wide Web Conference (WWW 2010)*. (#1036, Full paper, 10 pages).
94. Botta, D., Muldner, K., **Hawkey, K.**, and Beznosov, K. (submitted). Suboptimal Situations in IT Security Management. Submitted October 20, 2009, to the *International Journal of Cognition, Technology & Work*. (CTWO-S-09-00025, Journal article, 15 pages).
95. Werlinger, R., Muldner, K., **Hawkey, K.**, and Beznosov, K. (submitted). Preparation, Detection, and Analysis: Understanding IT Security Incident Response. Submitted August 23, 2009, to *Journal of Information Management & Computer Security*. (Invited extended version of HAISA 2009; Journal Article, ~6000 words).