

Frank Shipman Conference Papers by Research Area and Conference

Accessibility

ACM Conference on Computers and Accessibility (SIGACCESS)

1. C. Monteiro, R. Gutierrez-Osuna, and F. Shipman, "Design and Evaluation of Classifier for Identifying Sign Language Videos in Video Sharing Sites", *Proceedings of ACM SIGACCESS Conference on Computers and Accessibility*, 2012, pp. 191-198. (28%)

Computer-Human Interaction

ACM Computer-Human Interaction (CHI)

1. C. Marshall and F. Shipman, "Social Media Ownership: Using Twitter as a Window onto Current Attitudes and Practices", *Human Factors in Computing Systems: Proceedings of ACM CHI 2011*, 2011, pp. 1081-1090. (26%)
2. A. Girgensohn, F. Shipman, T. Turner, and L. Wilcox, "Effects of Presenting Geographic Context on Tracking Activity Between Cameras", *Human Factors in Computing Systems: Proceedings of ACM CHI 2007*, 2007, pp. 1167-1176. (25%)
3. F. Shipman, C. Marshall, and T. Moran "Finding and Using Implicit Structure in Human-Organized Spatial Layouts of Information", *Human Factors in Computing Systems: Proceedings of ACM CHI '95*, 1995, 346-353. (~20%)
4. F. Shipman and R. McCall, "Supporting Knowledge-Base Evolution with Incremental Formalization", *Human Factors in Computing Systems: Proceedings of ACM CHI '94*, 1994, pp. 285-291. (~20%)
5. G. Fischer, R. McCall, J. Ostwald, B. Reeves, and F. Shipman, "Seeding, Evolutionary Growth, and Reseeding: Supporting the Incremental Development of Design Environments", *Human Factors in Computing Systems: Proceedings of ACM CHI '94*, 1994, pp. 292-298. (~20%)

ACM User Interface Software and Technology (UIST)

2. H. Hsieh and F. Shipman, "Manipulating Structured Information in a Visual Workspace", *Proceedings of ACM Conference on User Interface Software and Technology 2002*, 2002, pp. 217-226. (~20%) (**Won best student paper award.**)

ACM Advanced Visual Interfaces (AVI)

1. A. Girgensohn, L. Wilcox, F. Shipman, and S. Bly, "Designing Affordances for the Navigation of Detail-on-Demand Hypervideo", *Proceedings of ACM Advanced Visual Interfaces*, 2004, pp. 290-297. (19%)

IFIP INTERACT

1. S. Bae, R. Badi, K. Meintanis, J.M. Moore, A. Zacchi, H. Hsieh, C. Marshall, and F. Shipman, "Effects of Display Configurations on Document Triage", *Proceedings of IFIP Interact 2005 Conference*, 2005, pp. 130-143. (26%)

2. F. Shipman, A. Girgensohn, and L. Wilcox, "Hyper-Hitchcock: Towards the Easy Authoring of Interactive Video", *Proceedings of IFIP Interact 2003 Conference*, pp. 33-40. (30%)
3. F. Shipman, H. Hsieh, R. Airhart, P. Maloor, J.M. Moore, and D. Shah, "Emergent Structure in Analytic Workspaces: Design and Use of the Visual Knowledge Builder", *Proceedings of IFIP Interact 2001 Conference*, pp. 132-139. (33%)
4. A. Girgensohn, S. Bly, F. Shipman, J. Boreczky, and L. Wilcox, "Home Video Editing Made Easy: Balancing Automation and User Control", *Proceedings of IFIP Interact 2001 Conference*, pp. 464-471. (33%)

ACM Intelligent User Interfaces (IUI)

1. P. Davis and F. Shipman, "Learning Usability Assessment Models for Web Sites", *Proceedings of ACM Conference on Intelligent User Interfaces (IUI)*, 2011, pp. 195-204. (17%)
2. A. Girgensohn, F. Shipman, F. Chen, and L. Wilcox, "DocuBrowse: Faceted Searching, Browsing, and Recommendations in an Enterprise Context", *Proceedings of ACM Conference on Intelligent User Interfaces (IUI)*, 2010, pp. 189-198. (22%)
3. A. Girgensohn, F. Shipman, L. Wilcox, T. Turner, and M. Cooper, "MediaGLOW: Organizing Photos in a Graph-based Workspace", *Proceedings of ACM Intelligent User Interfaces 2009*, 2009, pp. 419-424. (29%)
4. R. Badi, S. Bae, J.M. Moore, K. Meintanis, A. Zacchi, H. Hsieh, C. Marshall, F. Shipman, "Recognizing User Interest and Document Value from Reading and Organizing Activities in Document Triage", *Proceedings of ACM Intelligent User Interfaces*, 2006, pp. 218-225. (24%)
5. H. Hsieh and F. Shipman, "VITE: A Visual Interface Supporting the Direct Manipulation of Structured Data Using Two-Way Mappings", *Proceedings of ACM Conference on Intelligent User Interfaces 2000*, 2000, pp. 141-148. (~25%)
6. L. Francisco-Revilla and F. Shipman, "Adaptive Medical Information Delivery Combining User, Task, and Situation Models", *Proceedings of ACM Conference on Intelligent User Interfaces 2000*, 2000, pp. 94-97. (~25%)
7. F. Shipman, R. Furuta, and C. Marshall, "Generating Web-Based Presentations in Spatial Hypertext", *Proceedings of ACM Conference on Intelligent User Interfaces '97*, 1997, pp. 71-78. (34%)

International Conference on Human Factors in Computing and Informatics (SouthCHI)

1. A. Zacchi and F. Shipman, "Organizing Documents to Support Activities", *Proceedings of the SouthCHI Conference*, 2013, pp. 420-439. (22%)

Computer-Supported Cooperative Work and Social Media

AAAI Conference on Weblogs and Social Media (ICWSM)

1. F. Shipman and C. Marshall, "Creating and Sharing Records of Multiplayer Online Game Play: Practices and Attitudes", *Proceedings of AAAI Conference on Weblogs and Social Media*, 2014, pp. 456-465. (23%)

ACM Computer-Supported Cooperative Work (CSCW)

1. C. Marshall and F. Shipman, "Who Owns Your Social Network?", *Proceedings of ACM Computer Supported Cooperative Work*, 2015, pp. 712-723. (28%)
2. B. Reeves and F. Shipman, "Supporting Communication Between Designers With Artifact-Centered Evolving Information Spaces", *Proceedings of the 1992 ACM Conference on Computer Supported Cooperative Work*, 1992, pp. 394-401. (25%)

ACM GROUP

2. D. Kim and F. Shipman, "Visualizing History to Improve Users' Location and Comprehension of Collaborative Work", *Proceedings of ACM Group 2012 Conference*, 2012, pp. 11-20. (37%)
3. F. Shipman, R. Airhart, H. Hsieh, P. Maloor, J.M. Moore, and D. Shah, "Visual and Spatial Communication and Task Organization in the Visual Knowledge Builder", *Proceedings of the ACM 2001 Group Conference*, 2001, pp. 260-269. (30%)

ACM Web Science (WebSci)

1. F. Shipman and C. Marshall, "Are User-contributed Reviews Community Property? Exploring the Beliefs and Practices of Reviewers", *Proceedings of Web Science 2013 Conference*, 2013, pp. 386-395. (<20%) **(Nominated for best paper award.)**
2. C. Marshall and F. Shipman, "Experiences Surveying the Crowd: Reflections on Methods, Participation, and Reliability", *Proceedings of Web Science 2013 Conference*, 2013, pp. 234-243. (<20%) **(Won best paper award.)**

IEEE Symposium on Social Intelligence and Networking (SIN)

1. D. Corlette and F. Shipman, "Capturing On-line Social Network Link Dynamics using Event-Driven Sampling", *Proceedings of the International Symposium on Social Intelligence and Networking (SIN09)*, 2009. (~20%)

International World Wide Web Conference (WWW)

1. C. Marshall and F. Shipman, "Saving, Reusing, and Remixing Web Video: Using attitudes and practices to reveal social norms", *Proceedings of World Wide Web 2013 Conference*, 2013, pp. 885-896. (15%)

Digital Libraries

ACM/IEEE Joint Conference on Digital Libraries & ACM Digital Libraries & Digital Libraries (JCDL)

1. F. Shipman, R. Gutierrez-Osuna, T. Shipman, C. Monteiro, and V. Karappa, "Towards a Distributed Digital Library for Sign Language Content", *Proceedings of ACM/IEEE Joint Conference on Digital Libraries*, 2015. (to appear)
2. S. Jayarathna, A. Patra, and F. Shipman, "Unified Relevance Feedback for Multi-Application Interest Modeling", *Proceedings of ACM/IEEE Joint Conference on Digital Libraries*, 2015. (to appear)

3. S.I. Park and F. Shipman, "PerCon: A Personal Digital Library for Heterogeneous Data", *Proceedings of Digital Libraries*, 2014, pp. 97-106. (28%)
4. C. Marshall and F. Shipman, "An Argument for Archiving Facebook as a Heterogeneous Personal Store", *Proceedings of Digital Libraries*, 2014, pp. 11-20. (28%)
5. C. Marshall and F. Shipman, "On the Institutional Archiving of Social Media", *Proceedings of ACM & IEEE Joint Conference on Digital Libraries 2012*, 2012, pp. 1-10. (29%)
6. P. Bogen, R. Furuta, and F. Shipman, "A Comparison of Techniques for Detecting Abnormal Change in Blogs", *Proceedings of ACM & IEEE Joint Conference on Digital Libraries 2012*, 2012, pp.157-166. (29%)
7. C. Marshall and F. Shipman, "The Ownership and Reuse of Visual Media", *Proceedings of ACM & IEEE Joint Conference on Digital Libraries 2011*, 2011, pp. 157-166. (29%)
8. S. Bae, D. Kim, K. Meintanis, J.M. Moore, A. Zacchi, F. Shipman, H. Hsieh, and C. Marshall, "Supporting Document Triage via Annotation-Based Multi-Application Visualizations", *Proceedings of ACM and IEEE Joint Conference on Digital Libraries (JCDL)*, 2010. (27%)
9. A. Girgensohn, F. Shipman, T. Turner, and L. Wilcox, "Flexible Access to Photo Libraries via Time, Place, Tags, and Visual Features", *Proceedings of ACM and IEEE Joint Conference on Digital Libraries (JCDL)*, 2010. (27%)
10. E. Fox, Y. Chen, M. Akbar, C. Shaffer, S. Edwards, P. Brusilovsky, D. Garcia, L. Delcambre, F. Decker, D. Archer, R. Furuta, F. Shipman, S. Carpenter, and L. Cassel, "Ensemble PDP-8: Eight Principles for Distributed Portals", *Proceedings of ACM and IEEE Joint Conference on Digital Libraries (JCDL)*, 2010.
11. P. Bogen, J. Johnston, U. Karadkar, R. Furuta and F. Shipman, "Application of Kalman Filters to Identify Unexpected Change in Blogs", *Proceedings of the ACM and IEEE Joint Conference on Digital Libraries*, 2008, pp. 305-312. (28%)
12. P. Bogen, L. Francisco-Revilla, R. Furuta, T. Hubbard, U. Karadkar, and F. Shipman, "Longitudinal Study of Changes in Blogs", *Proceedings of the ACM and IEEE Joint Conference on Digital Libraries*, 2007, pp. 135-136. (41%)
13. S. Davis, P. Bogen, L. Cifuentes, L. Francisco-Revilla, R. Furuta, T. Hubbard, U. Karadkar, D. Pogue, and F. Shipman, "Template-based Authoring of Educational Artifacts", *Proceedings of the ACM/IEEE Joint Conference on Digital Libraries*, 2006, pp. 242-243. (36%)
14. F. Shipman, H. Hsieh, J.M. Moore, A. Zacchi, "Supporting Personal Collections across Digital Libraries in Spatial Hypertext", *Proceedings of the ACM and IEEE Joint Conference on Digital Libraries*, 2004, pp. 358-367. (30%) **(Nominated for best paper award.)**
15. Z. Dalel, S. Dash, P. Dave, L. Francisco-Revilla, R. Furuta, U. Karadkar, and F. Shipman, "Managing Distributed Collections: Evaluating Web Page Changes, Movement, and Replacement", *Proceedings of the ACM and IEEE Joint Conference on Digital Libraries*, 2004, pp. 160-168. (30%)
16. L. Francisco-Revilla, F. Shipman, R. Furuta, U. Karadkar, and A. Arora, "Managing Change on the Web", *Proceedings of the ACM and IEEE Joint Conference on Digital Libraries*, 2001, pp. 67-76. (35%)
17. R. Furuta, C. Marshall, F. Shipman, and J. Leggett, "Physical Objects in the Digital Library", *Proceedings of ACM Digital Libraries '96 (DL '96)*, 1996, pp. 109-115. (35%)
18. P. Nuernberg, R. Furuta, J. Leggett, C. Marshall, and F. Shipman, "Digital Libraries: Issues and Architectures", *Proceedings of Digital Libraries '95 (DL '95)*, 1995, pp. 147-154. (42%)
19. C. Marshall, F. Shipman, and R. McCall, "Putting Digital Libraries to Work: Issues from Experience with Community Memories", *Proceedings of Digital Libraries (DL '94)*, 1994, pp. 126-133. (51%)

International Conference on Theory and Practice of Digital Libraries (TPDL)

1. L. Meneses, H. Barthwal, S. Singh, R. Furuta, and F. Shipman, "Restoring Semantically Incomplete Document Collections Using Lexical Signatures", *Proceedings of the International Conference on Theory and Practice of Digital Libraries*, 2013, pp. 321-332. (24%)
2. L. Meneses, R. Furuta and F. Shipman, "Identifying 'Soft 404' Error Pages: Analyzing the Lexical Signatures of Documents in Distributed Collections", *Proceedings of the International Conference on Theory and Practice of Digital Libraries*, 2012, pp. 197-208. (18%)
3. Y. Li, P. Bogen, D. Pogue, R. Furuta and F. Shipman, "CoWPaths: Collaborative Authoring of Walden's Paths", *Proceedings of the International Conference on Theory and Practice of Digital Libraries*, 2012, pp. 461-467. (33%)
4. P. Bogen, D. Pogue, Y. Li, F. Pourardar, F. Shipman, and R. Furuta. "WPv4: A Re-imagined Walden's Paths to Support Diverse User Communities", *Proceedings of the International Conference on Theory and Practice of Digital Libraries*, 2011, pp. 159-168. (19%)
5. M. Akbar, W. Fan, C. Shaffer, Y. Chen, L. Cassel, L. Delcambre, D. Garcia, G. Hislop, F. Shipman, R. Furuta, S. Carpenter, H. Hsieh, B. Siegfried, and E. Fox. "Digital Library 2.0 for Educational Resources", *Proceedings of the International Conference on Theory and Practice of Digital Libraries*, 2011, pp. 89-100. (19%)

European Conference on Digital Libraries

1. K. Meintanis and F. Shipman, "Visual Expression for Organizing and Accessing Music Collections in MusicWiz", *Proceedings of European Conference on Digital Libraries*, 2010, pp. 80-91. (22%)
2. P. Brusilovsky, L. Cassel, L. Delcambre, E. Fox, R. Furuta, D. Garcia, F. Shipman, M. Yudelson, and P. Bogen, "Enhancing Digital Libraries with Social Navigation: The Case of Ensemble", *Proceedings of European Conference on Digital Libraries*, 2010, pp. 116-123. (36%)
3. A. Zacchi and F. Shipman, "Personal Environment Management", *Proceedings of European Conference on Digital Libraries*, 2007, pp. 345-356. (30%)
4. P. Dave, L. Francisco-Revilla, U. Karadkar, R. Furuta, F. Shipman, and P. Bogen, "Incorporating Physical and Digital Archives into Growing Personal Collections", *Proceedings of European Conference on Digital Libraries*, 2004, pp. 341-352. (32%)
5. F. Shipman, M. Price, C. Marshall, and G. Golovchinsky, "Identifying Useful Passages in Documents based on Annotation Patterns", *Proceedings of the European Conference on Digital Libraries*, 2003, pp. 101-112. (29%)
6. U. Karadkar, A. Kerne, R. Furuta, L. Francisco-Revilla, F. Shipman, and J. Wang, "Connecting Interface Metaphors to Support Creation of Hypermedia Collections", *Proceedings of the European Conference on Digital Libraries*, 2003, pp. 338-349. (29%)

Asian Conference on Digital Libraries

1. U. Karadkar, L. Francisco-Revilla, R. Furuta, F. Shipman, and A. Arora, "Supporting Multilingual Paths over the WWW", *Proceedings of Asian Conference on Digital Libraries 2000*, 2000, pp. 177-184.

IS&T Archiving Conference

1. C. Marshall and F. Shipman, "Attitudes about Institutional Archiving of Social Media", *Proceedings of IS&T Archiving Conference 2011*, 2011, pp. 194-198.

Annual Meeting of the American Society of Information Science & Technology (ASIS&T)

1. S. Bae, H. Hsieh, D. Kim, C. Marshall, K. Meintanis, J.M. Moore, A. Zacchi, and F. Shipman, "Supporting Document Triage via Annotation-based Visualizations", *Proceedings of the Annual Meeting of the American Society of Information Science & Technology (ASIS&T)*, 2008.
2. S. Bae, C. Marshall, K. Meintanis, A. Zacchi, H. Hsieh, J.M. Moore, and F. Shipman, "Patterns of Reading and Organizing Information in Document Triage", *Proceedings of the Annual Meeting of the American Society of Information Science & Technology (ASIS&T)*, 2006.

Games

ACM Foundations of Digital Games (FDG)

1. F. Shipman, "Blending the Real and Virtual in Games: The Model of Fantasy Sports", *Proceedings of the Fourth International Conference on the Foundations of Digital Games*, 2009, pp. 169-174. (28%)

Hypertext

ACM Hypertext (HT) & European Conference on Hypertext (ECHT)

1. D. Kim and F. Shipman, "Interpretation and Visualization of User History in a Spatial Hypertext System", *Proceedings of ACM Hypertext*, 2010. (35%)
2. H. Hsieh, K. Pauls, A. Jansen, G. Nimmagadda, and F. Shipman, "Assisting Two-Way Mapping Generation in Hypermedia Workspace", *Proceedings of ACM Hypertext*, 2010. (35%)
3. D. Corlette and F. Shipman, "Link Prediction Applied to an Open Large-Scale Online Social Network", *Proceedings of ACM Hypertext*, 2010.
4. F. Shipman, A. Girgensohn, L. Wilcox, "Hypervideo Expression: Experiences with Hyper-Hitchcock", *Proceedings of ACM Hypertext*, 2005, pp. 217-226. (31%)
5. L. Francisco-Revilla and F. Shipman, "Parsing and Interpreting Ambiguous Structures", *Proceedings of ACM Hypertext*, 2005, pp. 107-116. (31%)
6. H. Hsieh and F. Shipman, "Activity Links: Supporting Communication and Reflection about Action", *Proceedings of ACM Hypertext*, 2005, pp. 161-170. (31%)
7. J. Leggett and F. Shipman, "Directions for Hypertext Research: Exploring the Design Space for Interactive Scholarly Communication", *Proceedings of ACM Hypertext*, 2004, pp. 2-11. (27%)
8. P. Dave, P. Bogen, U. Karadkar, L. Francisco-Revilla, R. Furuta, and F. Shipman, "Dynamically Growing Hypertext Collections", *Proceedings of ACM Hypertext*, 2004, pp. 171-180. (27%)
9. L. Francisco-Revilla and F. Shipman, "WARP: A Web-based Dynamic Spatial Hypertext", *Proceedings of ACM Hypertext*, 2004, pp. 235-236. (45%)
10. L. Francisco-Revilla and F. Shipman, "Managing Conflict in Multi-model Adaptive Spatial Hypertext",

Proceedings of ACM Hypertext, 2004, pp. 237-238. (45%)

11. F. Shipman, A. Girgensohn, and L. Wilcox, "Combining Spatial and Navigational Structure in the Hyper-Hitchcock Hypervideo Editor", *Proceedings of ACM Hypertext*, 2003, pp. 124-125. (33%)
12. C. Marshall and F. Shipman, "Which Semantic Web?", *Proceedings of ACM Hypertext*, 2003, pp. 57-66. (26%) **(Nominated for best paper award.)**
13. P. Dave, U. Karadkar, R. Furuta, L. Francisco-Revilla, F. Shipman, S. Dash, and Z. Dalal, "Browsing Intricately Interconnected Paths", *Proceedings of ACM Hypertext*, 2003, pp. 95-103. (26%)
14. F. Shipman, J.M. Moore, P. Maloor, H. Hsieh, and R. Akkapeddi, "Semantics Happen: Knowledge Building in Spatial Hypertext", *Proceedings of the ACM Conference on Hypertext*, 2002, pp. 25-34. (31%) **(Nominated for best paper award.)**
15. F. Shipman, H. Hsieh, R. Airhart, P. Maloor, and J.M. Moore, "The Visual Knowledge Builder: A Second Generation Spatial Hypertext", *Proceedings of the ACM Conference on Hypertext*, 2001, pp. 113-122. (27%)
16. L. Francisco-Revilla, F. Shipman, U. Karadkar, R. Furuta, and A. Arora, "Perception of Content, Structure, and Presentation Changes in Web-based Hypertext", *Proceedings of the ACM Conference on Hypertext*, 2001, pp. 205-214. (27%)
17. F. Shipman, C. Marshall, and M. LeMere, "Beyond Location: Hypertext Workspaces and Non-Linear Views", *ACM Hypertext '99 Proceedings*, 1999, pp. 121-130. (32%) **(Won Engelbart best paper award.)**
18. F. Shipman, R. Furuta, D. Brenner, C. Chung, and H. Hsieh, "Using Paths in the Classroom: Experiences and Adaptations", *ACM Hypertext '98 Proceedings*, 1998, pp. 267-276. (37%)
19. R. Furuta, F. Shipman, C. Marshall, D. Brenner, and H. Hsieh, "Hypertext Paths and the World-Wide Web: Experiences with Walden's Paths", *ACM Hypertext '97 Proceedings*, 1997, pp. 167-176. (~25%) **(Nominated for best paper award.)**
20. C. Marshall and F. Shipman, "Spatial Hypertext and the Practice of Information Triage", *ACM Hypertext '97 Proceedings*, 1997, pp. 124-133. (~25%) **(Nominated for best paper award.)**
21. C. Marshall, F. Shipman, and J. Coombs, "VIKI: Spatial Hypertext Supporting Emergent Structure", *Proceedings of 1994 ACM European Conference on Hypermedia Technology (ECHT '94)*, 1994, pp. 13-23. (22%)
22. C. Marshall and F. Shipman, "Searching for the Missing Link: Discovering Implicit Structure in Spatial Hypertext", *ACM Hypertext '93 Proceedings*, 1993, pp. 217-230. (20%)
23. R. McCall, P. Bennett, P. d'Oronzio, J. Ostwald, F. Shipman, and N. Wallace "PHIDIAS: Integrating CAD graphics into Dynamic Hypertext", in A. Rizk, N. Streitz, and J. Andre, editors, *Hypertext: Concepts, Systems and Applications (Proceedings of the European Conference on HyperText)*, 1990, pp. 152-165. (20%)
24. F. Shipman, R. Chaney, and G. Gorry, "Distributed Hypertext for Collaborative Research: The Virtual Notebook System", *ACM Hypertext '89 Proceedings*, 1989, pp. 129-135. (24%)

ACM Document Engineering (DE)

1. L. Francisco-Revilla and F. Shipman, "Instructional Information in Adaptive Spatial Hypertext", *Proceedings of ACM Document Engineering*, 2004, pp. 124-133. (39%)

Multimedia

ACM Multimedia (MM)

1. A. Girgensohn, F. Shipman, L. Wilcox, Q. Liu, C. Liao, and Y. Oneda. "A Tool for Authoring Unambiguous Links from Printed Content to Digital Media", *Proceedings of ACM Multimedia*, 2011, pp. 1561-1564. (36%)
2. A. Girgensohn, F. Shipman, and L. Wilcox, "Determining Activity Patterns in Retail Spaces through Video Analysis", *Proceedings of ACM Multimedia 2008*, 2008, pp. 889-892. (33%)
3. A. Girgensohn, D. Kimber, J. Vaughan, T. Yang, F. Shipman, T. Turner, E. Rieffel, L. Wilcox, F. Chen, and A. Dunnigan, "DOTS: Support for Effective Video Surveillance", *Proceedings of ACM Multimedia 2007*, 2007, pp. 423-432. (20%)
4. F. Shipman, A. Girgensohn, and L. Wilcox, "Generation of Interactive Multi-Level Video Summaries", *Proceedings of ACM Multimedia*, 2003, pp. 392-401. (17%)

ACM International Conference on Multimedia Retrieval (ICMR)

1. A. Girgensohn, F. Shipman, and L. Wilcox, "Adaptive Clustering and Interactive Visualizations to Support the Selection of Video Clips", *Proceedings of ACM International Conference on Multimedia Retrieval 2011*, 2011, Article No. 34. (16%)

IEEE International Conference on Acoustics, Speech, and Sign Processing (ICASSP)

1. V. Karappa, C. Monteiro, F. Shipman, R. Gutierrez-Osuna, "Detection of Sign-Language Content in Video through Polar Motion Profiles", *Proceedings of IEEE International Conference on Acoustics, Speech, and Signal Processing*, 2014, pp. 1922-1303. (50%)

IEEE International Conference on Multimedia and Expo (ICME)

2. D. Kimber, A. Dunnigan, A. Girgensohn, F. Shipman, T. Turner, and T. Yang, "Trailblazing: Video Playback Control by Direct Object Manipulation", *Proceedings of the IEEE International Conference on Multimedia and Expo (ICME)*, 2007, pp. 1015-1018.
3. F. Shipman, A. Girgensohn, and L. Wilcox, "Creating Navigable Multi-Level Video Summaries", *Proceedings of the IEEE International Conference on Multimedia and Expo (ICME) 2003*, Vol. II, pp. 753-756. (57%)

International Conference on Music Information Retrieval (ISMIR)

1. K. Meintanis and F. Shipman, "Creating and Evaluating Multi-Phrase Music Summaries", *Proceedings of International Conference on Music Information Retrieval (ISMIR)*, 2008, pp. 507-512. (14%)

Other Conferences

1. A. Girgensohn, F. Shipman, A. Dunnigan, T. Turner, and L. Wilcox, "Support for Effective Use of Multiple Video Streams in Security", *Proceedings of 4th ACM International Workshop on Video Surveillance & Sensor Networks*, 2006, pp. 19-26. (39%)

2. A. Girgensohn, F. Shipman, L. Wilcox, "Hypervideo Summaries", *Proceedings of SPIE ITCOM*, 2003.

Software Engineering

IEEE Automated Software Engineering & Knowledge-Based Software Engineering (ASE & KBSE)

1. J.M. Moore and F. Shipman, "Combining Spatial and Textual Analysis to Support Design Exploration", *Proceedings of the IEEE Automated Software Engineering Conference*, 2008, pp. 35. (25%)
2. J.M. Moore and F. Shipman, "A Comparison of Questionnaire-Based and GUI-Based Requirements Gathering", *Proceedings of the IEEE Conference on Automated Software Engineering*, 2000, pp. 35-44. (~20%) **(Nominated for best paper award.)**
3. A. Girgensohn, D. Redmiles, and F. Shipman, "Agent-Based Support for Communication between Developers and Users in Software Design", *Proceedings of IEEE Conference on Knowledge-Based Software Engineering (KBSE '94)*, 1994, pp. 22-29. (~40%)

Other conferences

1. A. Jarczyk, P. Löffler, and F. Shipman, "Design Rationale for Software Engineering: A Survey", *Proceedings of the Twenty-Fifth Annual Hawaii International Conference on System Sciences*, 1992, pp. 577-586. (~45%)

Computers and Design

1. R. McCall, J. Ostwald, and F. Shipman, "Supporting Designers' Access to Information through Virtually Structured Hypermedia", *Proceedings of IFIP Conference on Intelligent Computer Aided Design*, 1991, pp. 116-127.
2. R. McCall, J. Ostwald, F. Shipman, and N. Wallace, "The PHIDIAS HyperCAD System: Extending CAD with Hypermedia", *Proceedings of the Association of Computer Aided Design in Architecture (ACADIA) Conference*, 1990, pp. 145-156. (~30%)

Computers and Education

1. A. Arora, E. Barker, U. Karadkar, P. Dave, L. Francisco-Revilla, R. Furuta, F. Shipman, S. Dash, and Z. Dalal, "The Waldens Paths Quiz Engine", *Proceedings of E-Learn*, 2003, pp. 2052-2059. (29%)
2. U. Karadkar, L. Francisco-Revilla, R. Furuta, and F. Shipman, "Structuring Access to a Dynamic Collection of Digital Documents: The Walden's Paths Virtual Directories", *Proceedings of the Eighth International Conference on Digital Documents and Electronic Publishing*, 2000, pp. 91-103.
3. U. Karadkar, L. Francisco-Revilla, R. Furuta, H. Hsieh, and F. Shipman, "Evolution of the Walden's Paths Authoring Tools", *Proceedings of WebNet 2000*, 2000, pp. 299-304. (34%)
4. R. Furuta, F. Shipman, L. Francisco-Revilla, H. Hsieh, U. Karadkar, and S. Hu, "Ephemeral Paths on the WWW: The Walden's Paths Lightweight Path Mechanism", *Proceedings of WebNet '99*, 1999, pp. 409-414. (43%)
5. F. Shipman, R. Furuta, H. Hsieh, L. Francisco-Revilla, U. Karadkar, A. Rele, G. Shenoy, and D. Brenner, "Using the Internet in the Classroom: Variety in the Use of Walden's Paths", *Proceedings of Ed-Media '99: World Conference on Educational Multimedia, Hypermedia, & Telecommunications*, 9, 1999, pp. 335-340. (31%)

6. F. Shipman, C. Marshall, R. Furuta, D. Brenner, H. Hsieh, and V. Kumar, "Creating Educational Guided Paths over the World-Wide Web", *Proceedings of Ed-Telecom '96*, 1996, pp. 326-331.