VL/HCC MIP 2020 - Eligible Papers

VL/HCC 2009			
#	Title	Authors	Google Scholar Citations
11	Improving API documentation using API usage information	Jeffrey Stylos, Andrew Faulring, Zizhuang Yang, Brad A. Myers	74
7	Non-programmers identifying functionality in unfamiliar code: Strategies and barriers	Paul Gross, Caitlin Kelleher	37
12	What designers want: Needs of interactive application designers	Valentina Grigoreanu, Roland Fernandez, Kori Inkpen, George Robertson	27
17	QueryMarvel: A visual query language for temporal patterns using comic strips	Jing Jin, Pedro Szekely	26
8	Playing with information: How end users think about and integrate dynamic data	Nan Zang, Mary Beth Rosson	24
6	Attitudes and self-efficacy in young adults' computing autobiographies	Andrew J. Ko	22
5	Revealing the copy and paste habits of end users	Kathryn T. Stolee, Sebastian Elbaum, Gregg Rothermel	20
9	Predicting reuse of end-user web macro scripts	Chris Scaffidi, Chris Bogart, Margaret Burnett, Allen Cypher	17
16	VMQL: A generic visual model query language	Harald Storrle	16
15	Interactive visual classification with Euler diagrams	Gennaro Cordasco, Rosario De Chiara, Andrew Fish	13
2	A domain-specific visual language for report writing using Microsoft DSL tools	Ruskin Dantra, John Grundy, John Hosking	12
13	Animation automatically generated from simulation specifications	Bastian Cramer, Uwe Kastens	12
10	Template-based critic authoring for domain-specific visual language tools	Norhayati Mohd. Ali, John Hosking, Jun Huh, John Grundy	6
19	Combining spatial and semantic label analysis	Chris Chambers, Martin Erwig	5
3	Modeling advanced concepts of interactive multimedia applications	Andreas Pleub, Goetz Botterweck, Heinrich Hubmann	4
14	Changing euler diagram properties by edge transformation of euler dual graphs	John Howse, Peter Rodgers, Gem Stapleton	4
1	Implications for an exercise Prescription authoring notation	Jonathan E. Dodge, Ronald A. Metoyer, Katherine B. Gunter	3
4	Improving reusability of dynamic meta modeling specifications with rule overriding	Gregor Engels, Daniela Fisseler, Christian Soltenborn	3
18	User perceptions and gender in end-user debugging: How do they affect outcomes?	Thippaya Chintakovid, Susan Wiedenbeck	1

VL/HCC MIP 2020 - Eligible Papers

VL/HCC 2010			
#	Title	Authors	Google Scholar Citations
7	Towards the Automatic Recognition of Computational Thinking for Adaptive Visual Language Learning	Kyu Han Koh, Ashok Basawapatna, Vicki Bennett, Alexander Repenning	102
10	**Automatically Inferring ClassSheet Models from Spreadsheets**	**Jacome Cunha, Martin Erwig, Joao Saraiva**	**69**
16	A Debugging Perspective on End-User Mashup Programming	Jill Cao, Kyle Rector, Thomas H. Park, Scott D. Fleming, Margaret Burnett, Susan Wiedenbeck	62
5	Explanatory Debugging: Supporting End-User Debugging of Machine-Learned Programs	Todd Kulesza, Simone Stumpf, Margaret Burnett, Weng-Keen Wong, Yann Riche, Travis Moore, Ian Oberst, Amber Shinsel, Kevin McIntosh	59
2	Calcite: Completing Code Completion for Constructors using Crowds	Mathew Mooty, Andrew Faulring, Jeffrey Stylos, Brad A. Myers	46
20	Struggling to Excel: A Field Study of Challenges Faced by Spreadsheet Users	C Chambers, C Scaffidi	43
18	TimeSpiderTrees: A Novel Visual Metaphor for Dynamic Compound Graphs	Michael Burch, Michael Fritz, Fabian Beck, Stephan Diehl	41
13	A Visual Specification Language for Model-to-Model Transformations	Esther Guerra, Juan de Lara, Dimitris Kolovos, Richard Paige	40
19	Improving Force-Directed Graph Drawings by Making Compromises Between Aesthetics	Weidong Huang, Peter Eades, Seok-Hee Hong, Chun-Cheng Lin	36
23	Modular Design by Contract Visually and Formally Using VCL	Nuno Amalio, Pierre Kelsen	24
8	Young People's Descriptions of Computational Rules in Role-Playing Games: An Empirical Study	Judith Good, Katy Howland, Keiron Nicholson	23
9	SheetDiff: A Tool for Identifying Changes in Spreadsheets	Chris Chambers, Martin Erwig, Markus Luckey	18
3	Using Association Metrics to Help Users Navigate API Documentation	Daniel S. Eisenberg, Jeffrey Stylos, Andrew Faulring, Brad A. Myers	17
15	Design Planning in End-User Web Development: Gender, Feature Exploration and Feelings of Success	Mary Beth Rosson, Hansa Sinha, Tisha Edor	15
12	Euler Graph Transformations for Euler Diagram Layout	Peter Rodgers, Gem Stapleton, John Howse, Leishi Zhang	11
21	Sketching and Drawing in the Design of Open Source Software	Eunyoung Chung, Carlos Jensen, Koji Yatani, Victor Kuechler, Khai N. Truong	11
1	Cleanroom: Edit-Time Error Detection with the Uniqueness Heuristic	Andrew J. Ko, Jacob O. Wobbrock	10
11	Causal Reasoning with Neuron Diagrams	Martin Erwig, Eric Walkingshaw	10
14	Programming-by-Example Meets the Semantic Web: Using Ontologies and Web Services to Close the Semantic Gap	Paul M. K. Gordon, Ken Barker, Christoph W. Sensen	5
17	Introducing Second-Order Spider Diagrams for Defining Regular Languages	Peter Chapman, Gem Stapleton	5
4	Debugging Concurrent Software: A Study Using Multithreaded Sequence Diagrams	Scott D. Fleming, Eileen Kraemer, R. E. K. Stirewalt, Laura K. Dillon	4
6	Does My Model Work? Evaluation Abstractions of Cognitive Modelers	Christopher Bogart, Margaret Burnett, Scott Douglass, David Piorkowski, Amber Shinsel	4
22	Semantic Navigation Strategies for Scenario-Based Programming	Michal Gordon, David Harel	3

Note that paper 10, Automatically Inferring ClassSheet Models from Spreadsheets by Jacome Cunha, Martin Erwig, and Joao Saraiva, won the MIP award 2019 and will not be considered for the MIP award 2020.

VL/HCC MIP 2020 - Eligible Papers

VL/HCC 2011			
#	Title	Authors	Google Scholar Citations
10	Visualizing Call Graphs	Thomas LaToza, and Brad Myers	64
13	#ifdef Confirmed Harmful: Promoting Understandable Software Variation	Duc Le, Eric Walkingshaw, and Martin Erwig	64
2	Quick Fix Generation for DSMLs	Ábel Hegedüs, Ákos Horváth, István Ráth, Moisés Branco, and Dániel Varró	45
9	Modeling Programmer Navigation: A head-to-head empirical evaluation of predictive models	David Piorkowski, Scott Fleming, Christopher Scaffidi, Liza John, Christopher Bogart, Bonnie John, Margaret Burnett, and Rachel Bellamy	45
3	Ruru: A spatial and interactive visual programming language for novice robot programming	James Diprose, Bruce MacDonald, and John Hosking	39
16	Embedding and Evolution of Spreadsheet Models in Spreadsheet Systems	Jácome Cunha, Jorge Mendes, João Paulo Fernandes, and João Saraiva	39
12	On the Impact of Layout Quality to Understanding UML Diagrams	Harald Störrle	31
4	An Exploration of Design Opportunities for “Gardening” End-user Programmers’ Ideas	Jill Cao, Scott Fleming, and Margaret Burnett	28
6	SketchSet: Creating Euler Diagrams using Pen or Mouse	Mendgi Wang, Beryl Plimmer, Paul Schmieder, Gem Stapleton, Peter Rodgers, and Aidan Delaney	24
11	Enabling Program Comprehension through a Visual Object-focused Development Environment	Fernando Olivero, Michele Lanza, Marco D'Ambros, and Romain Robbes	22
18	Evaluating Visual and Statistical Exploration of Scientific Literature Networks	Robert Gove, Cody Dunne, Ben Shneiderman, Judith Klavans, and Bonnie Dorr	21
8	Coping with Duplicate Bug Reports in Free/Open Source Software Projects	Jennifer Davidson, Nitin Mohan, and Carlos Jensen	20
15	Restructuring Software with Gestures	Emerson Murphy-Hill, Moin Ayazifar, and Andrew Black	20
1	Obstacles and Opportunities with Using Visual and Domain-Specific Languages in Scientific Programming	Michael Jones, and Christopher Scaffidi	17
7	Deriving Sound Inference Rules for Concept Diagrams	Peter Chapman, Gem Stapleton, John Howse, and Ian Oliver	17
5	Mini-Crowdsourcing End-User Assessment of Intelligent Assistants: A cost-benefit study	Amber Shinsel, Todd Kulesza, Margaret Burnett, William Curran, Alex Groce, Simone Stumpf, and Weng-Keen Wong	8
14	Improving Usability of Interactive Graphics Specification and Implementation with Picking Views and Inverse Transformations	Stéphane Conversy	7
17	Expressing Model Constraints Visually with VMQL	Harald Störrle	6