

P.J. Lyons Publications

IN PREPARATION OR SUBMITTED:

No	ref'd	Title	author(s)	publication

ACCEPTED FOR PUBLICATION:

No	ref'd	Title	author(s)	publication

PUBLISHED:

No	ref'd	Title	author(s)	Publication
60	YES	A Visual Environment for Real-Time Image Processing in Hardware (VERTIPH)	C. T. Johnston, D. G. Bailey, and P. Lyons	EURASIP Journal on Embedded Systems Volume 2006 (2006), Article ID 72962, 8 pages
59	YES	Towards a Visual Notation for Pipelining in a Visual Programming Language for Programming FPGAs	C.T. Johnston, D.G. Bailey and P.J. Lyons	CHINZ 2006; Design Centred HCI, 7 th International Conference of the NZ Chapter of the ACM Special Interest Group on Human Computer Interaction (SIGCHI-NZ) 6-7 July 2006, 1-10
58	YES	Four and Twenty Tern Chicks Plotted In A Pie	Paul Lyons and Geoff Jones	CHINZ 2006; Design Centred HCI, 7 th International Conference of the NZ Chapter of the ACM Special Interest Group on Human Computer Interaction (SIGCHI-NZ) 6-7 July 2006, 11-16
57	YES	Incorporating Groups into a Mathematical Model of Color Harmony for Generating Color Schemes for Computer Interfaces	Paul Lyons and Giovanni Moretti	VECIMS 2005 (Proceedings of the 2005 IEEE conference on Virtual Environments, Human-Computer Interfaces, and Measurement Systems , 80-85, Giardini Naxos, Italy, 18-20 July 2005)
56	YES	<i>Controlling the Complexity of Grouped Items in Colour Interfaces</i>	Giovanni S. Moretti and Paul J. Lyons	CHINZ 2005, July 2005, 6 th International Conference, NZ Chapter of the ACM Special Interest Group on Human Computer Interaction, 19-24

55		HyperPascal with a persistent memory manager: why and further developments	Todd Cochrane, Paul Lyons and Giovanni Moretti	Proc NACCQ 2005 (Poster)
54	YES	Formalisation of a Visual Environment for Real Time Image Processing in Hardware (VERTIPH)	C.T. Johnston, D.G. Bailey, P.J. Lyons and K.T. Gribbon	Proc IVCNZ 04 (Image and Vision Computing '04) Akaroa, New Zealand, 297-302
53	no	Telephone interface	J. Cartwright and P. Lyons	<i>Projects</i> , 13 , 2004
52		GUI Displays as Pictures that Change	Todd Cochrane and Paul Lyons	<i>NACCQ Conference 2004</i> , 6-9 July, Christchurch, NZ, 235-238
51	no	Computers, Applications and Colour	Paul Lyons and Giovanni Moretti	Separately published under the auspices of <i>APCHI 2004</i>
50	YES	Chromotome: A 3D Interface for Exploring Colour Space	Giovanni Moretti, Paul Lyons and Mark Wilson	<i>Proc 6th Asia Pacific Conference on Computer Human Interaction (APCHI 2004)</i> , eds. Masood Masoodian, Steve Jones, 283-292, June 29-July 2, 2004
49	YES	Nine Tools for Generating Harmonious Colour Schemes	Paul Lyons and Giovanni Moretti	<i>Proc 6th Asia Pacific Conference on Computer Human Interaction (APCHI 2004)</i> , eds. Masood Masoodian, Steve Jones, 241-251, June 29-July 2, 2004
48	YES	NetWorker: a practical web-based tool to support the Collect-Compare-Choose cycle	Paul Lyons, Chris Phillips, Elizabeth Kemp, and Jaimee Alam	<i>Proc 6th Asia Pacific Conference on Computer Human Interaction (APCHI 2004)</i> , eds. Masood Masoodian, Steve Jones, 231-240, June 29-July 2, 2004
47	YES	Tools for the Selection of Colour Palettes	Moretti, Giovanni & Lyons, Paul	ACM SIGCHI_NZ, 11-12 July 2002, Hamilton, NZ. Eds: S. Jones & M. Masoodian
46	YES	Colour in Computer Interfaces	Paul Lyons and Giovanni Moretti	IEEE Symposia on Human-Centric Computing Languages and Environments, Stresa, Italy, September 2001
45	YES	Colour in Computer Interfaces	Paul Lyons and Giovanni Moretti	<i>Proc IHM-HCI 2001, (Vol II) (Treizièmes journées sur l'ingénierie de l'Interaction Homme-Machine de l'AFIHM, 15th Annual Conference of the Human-Computer Interaction Group of the British Computer Society)</i> , 227-228,

				September 2001
44	YES	Colour Group Selection for Computer Interfaces	Paul Lyons and Giovanni Moretti	<i>Proc IHM-HCI 2001, (Vol II) (Treizièmes journées sur l'ingénierie de l'Interaction Homme-Machine de l'AFIHM, 15th Annual Conference of the Human-Computer Interaction Group of the British Computer Society), 21-24, September 2001</i>
43	YES	Some Possibilities of Visual Programming Languages	Paul Lyons, Giovanni Moretti, and Chrissy Reeves	<i>Proc NZ HCI Symposium 2001</i>
42	no	Doing Battle with the Delphi IDE (2 nd Edition, 2001)	Philip Roy, Jason Smith and Paul Lyons	Book: ISBN 0-473-0671-1, published by Massey University
41	no	Industry tutorial on colour use in Computer Interfaces	Giovanni Moretti and Paul Lyons	<i>The Use of Colour in Interface Design, OZCHI, December 4-7, 2000. Separately distributed document</i>
40	YES	Chromatic Interpolation for Interface Design	Giovanni Moretti, Paul Lyons and Mark Wilson	<i>Proc. OZCHI 2000 Interfacing Reality in the New Millenium December 4-7, 2000, pps 154-161</i>
39	YES	Colour Group Selection for Computer Interfaces	G. Moretti and P.J. Lyons	<i>Proc Conf Human Vision and Electronic Imaging (SPIE2000), Jan 24-27 2000, San Jose, pps 302-313</i>
38	YES	Visualising Music for Performance Flexibility	Paul Lyons and Yiding Zhang	<i>Proc. SoftVis '99, (ed. A Quigley), December 3-4, 1999, 91-100</i>
37	YES	Programming in Several Dimensions	Paul Lyons	<i>Proc. SoftVis '99, (ed. A Quigley), December 3-4, 1999, 31-39</i>
36		<i>Doing Battle with the Delphi IDE</i>	Philip Roy, Paul Lyons and Jason Smith	Book: ISBN 0-473-0671-1, published by Massey University
35	YES	ACCOMPANIST (Adaptable Computer-Controlled Output of a MIDI Prerecorded Accompaniment, Not In Strict Time) and TRAINEE (This Rendition of ACCOMPANIST Is Not Entirely Evolved)	Paul Lyons and Yiding Zhang	<i>Proc. First Iteration, Monash University, December 1-3, 1999, eds. A. Dorin and J. McCormack, CEMA, Melbourne, 116-125</i>
34	YES	Estimating Clock Speeds for the ATMSWITCH Architecture	P.J. Lyons and Bo Yan	<i>Proc. NETWORKS 3 (the Third New Zealand ATM and Broadband Workshop), January 21-22, 1999, 39-53</i>
33	YES	Simulation Studies of two ATM Switch Architectures	P.J. Lyons, S. Evans and D. Ferry	<i>Proc. NETWORKS 3 (the Third New Zealand ATM</i>

				and Broadband Workshop), January 21-22, 1999, 30-38.
32	YES	Using Object Flows to specify Communication in a Visual HDL	M.W.Pearson and P.J. Lyons	<i>Proceedings of the Fourth Asia-Pacific Conference on Hardware Description Languages (APCHDL '97)</i> , Hsinchu, Taiwan, 1997, 32- 37
31	No	Report on Computing Equipment supplied by NZ Police	P.J. Lyons	Confidential Expert opinion, April 1997
30	YES	Output Triggering adds Classes of Service to the Associative Chandelier	P.J. Lyons	<i>Proc. ATMWORKS 2</i> , February 1997, 99-116. Eds A.J. McGregor and J. Cleary
29	YES	The Oval Menu - Evolution and Evaluation of a Widget	P.J. Lyons, M. Pitchforth, D. Page, T. Given, and M.D. Apperley	Proc. OZCHI '96, 252 - 259
28	No	Report on Computing Equipment supplied by NZ Police	P.J. Lyons	Confidential Expert opinion, July 1996
27	YES	High-level Graphical Abstraction in Digital Design	M.W. Pearson, P.J. Lyons, and M.D. Apperley	<i>VLSI Design</i> , 5, 1, 101 - 110, 1996
26	YES	Bandwidth Reservation in an ATM switch using the Associative Chandelier	P.J. Lyons	<i>FIMS Report Series A: 96/1</i> , May 1996
25	No	Surveying the VISTA	P.J. Lyons	Report to PDL Electronics, May 1996
24	YES	The Associative Chandelier - Fair, Efficient, Prioritised Buffering in ATM Switches	P.J. Lyons, A.J. McGregor and G.S.Moretti	<i>Proceedings of the First New Zealand ATM and Broadband Workshop</i> , February, 1996, 127 - 143
23	No	PICSIL: Integrating Graphic System Design and Automatic Synthesis	Pearson, M.W., Lyons, P.J., and Apperley, M.D	<i>Working Paper 95/3</i> , Department of Computer Science, University of Waikato, Hamilton, New Zealand, 1995.
22	No	Designing with PREVAIL	Lyons, P.J., in consultation with Apperley, M.D	Massey University Computer Science Department, December, 1994
21	YES	Active Templates: Manipulating Pointers with Pictures	P.J. Lyons, M.D. Apperley, A.G. Bishop	<i>OZCHI '94 Proceedings</i> , November 1994, pps 93-98
20	YES	Automating Digital Design using PICSIL	Murray Pearson, Paul Lyons, and Mark Apperley	<i>Proceedings of the First Electronics New Zealand Conference (ENZCon)</i> , August 1994, pps pp 87 - 92
19	YES	Synthesis of Digital ICs from Data Flow Diagrams	Murray Pearson, Paul Lyons, and Mark Apperley	<i>Proceedings of the First Asian Pacific Conference on Hardware Description Languages, Standards and Applications</i> ; December 1993, 84-88

18	YES	HyperPascal: A Visual Language to Model Idea Space	Paul Lyons, Craig Simmons, and Mark Apperley	<i>Proceedings of the 13th New Zealand Computer Society Conference</i> , August 1993, 492-508
17	YES	PICSIL - A Data Flow Approach to Silicon Compilation	M.W. Pearson, P.J. Lyons, and M.D. Apperley	<i>Proceedings of the 28th National Electronics Conference</i> , August 1991, 168 - 173
16	YES	A Multipath Local Area Network	P.J. Lyons and A.J. McGregor	<i>New Zealand Patent Number 221572 December 1990"</i>
15	YES	Multipath Local Area Network	Paul J. Lyons and Anthony J McGregor,	<i>United States Patent Number 4,953,162, August 28, 1990</i>
14	YES	MasseyNet Administration Documentation - Release 2.1	P.J. Lyons	Massey Computer Science Department publication, Feb 1988
13	YES	Performance Measurements in the MasseyNet Local Area Packet Switching Network	P.J. Lyons, A.J. McGregor, and E. van Oeveren	<i>Proceedings of the 1987 NZ Computer Society Conference</i> , R126-R125
12	YES	Strong Typing and Related Issues	J. Ansell and P.J. Lyons	<i>Massey Computer Science Report 86/6, May 1986</i>
11	YES	MasseyNet: A University-oriented Local Area Network	P.J. Lyons and A.J. McGregor	<i>MICROS PLUS: Educational Peripherals; Proceedings of the IFIP Working Conference on the Educational Implications of Connecting Tools and Devices to Micro-computers</i> , August 1986, 155 - 167
10	YES	MasseyNet - Current Development	P.J. Lyons, A.J. McGregor, B. Meads, E. van Oeveren, C. Eagle, and L. Gill	<i>Nelcon Proceedings</i> , 23 , 107 - 112, August 1986
9	YES	MasseyNet - A Local Network Using Wider Area Techniques	M. Murphy, A.J. McGregor and P.J. Lyons	<i>Nelcon Proceedings</i> , 23 , August 1986
8	YES	An Overview of GED, A Language-independent Syntax-directed Editor	G.S. Moretti and P.J. Lyons	<i>Australian Computer J.</i> , 18 , 2, 61 - 66, May 1986
7	YES	Networking Research Group 1986 Report	P.J. Lyons	<i>Massey Computer Science Report 85/8</i> , October 1985
6	YES	Some Aspects of Prime's PRIMOS Operating System	A.J. McGregor, P.J. Lyons and T.W.G. Docker	<i>Massey Computer Science Report 85/8</i> , October 1985
5	YES	Preliminary Specifications for a Data Communications Exchange	P.J. Lyons and A.J. McGregor	<i>Massey Computer Science Report 85/7</i> , October 1985
4	YES	Computing Equipment RS232 Interconnection Standard	T.W. Livingstone, P.J. Lyons and A.J. McGregor	<i>Massey Computer Science Report 85/7</i> , October 1985
3	YES	The Conformation of Malformin-A	D. Hall, P.J. Lyons, N. Pavitt, and J.A.	<i>J. Comput. Chem.</i> 3 , 1, 1982

			Treize	
2	YES	An Appraisal of the Applicability to Molecular Packing Analysis of some Global Minimisation Techniques	David Hall and Paul John Lyons	<i>Computers and Chemistry</i> , 4 , 69-73, 1980
1		An Investigation of the Application of some Optimisation Methods to Molecular Packing Analysis	P.J. Lyons	M.Sc. Thesis, November 1976