

# Publication List

(including Software)

## Luigi Liquori

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Born in Pescara, Italy, August 9th 1964.



## Statut et Coordonnées

Nom :	Liquori
Prénom :	Luigi
Âge/Lieu :	46 ans, né le 9 Août 1964 à Pescara (Région Abruzzes, Italie)
Situation Familiale :	Célibataire
Statut :	Chargé de Recherche Inria, 1er Classe, H.D.R., Ph.D.
Équipe de Recherche :	LogNet, Inria Sophia Antipolis Méditerranée
Adresse Professionnelle :	INRIA Sophia Antipolis Méditerranée, 2004, Route des Lucioles, B.P. 93, F-06902 Sophia Antipolis Cedex - France
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WWW perso:	<a href="http://www-sop.inria.fr/members/Luigi.Liquori">http://www-sop.inria.fr/members/Luigi.Liquori</a>
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## Mobilité Géographique

Les sites visités pour au moins un an : Université de Udine (diplôme et post-doc) ; Université de Turin (DEA et Ph.D.) ; CSELT (*Centro Studi e Laboratori Telecomunicazioni*), (actuellement *Telecom Italia Labs*), Turin (ingénieur télécom) ; École Normale Supérieure de Lyon (ATER) ; École Nationale Supérieure des Mines de Nancy (Maître de conférences), puis Chargé de Recherche 1er classe INRIA Nancy Grand Est ; INRIA Sophia Antipolis Méditerranée.

## Cursus vitæ

Diplomas/Studies/Positions	Year	Where
Habilitation Thesis (H.d.R.) in Computer Science	2007	Institut National Polytechnique Lorrain (INPL), France
Full Time Researcher ( <i>CR1</i> )	2001- —	INRIA Lorraine Nord-Est & Sophia Antipolis Méditerranée, France
Lecturer ( <i>MdC 1C</i> )	1999-2001	École Nationale Supérieure des Mines de Nancy (ENSMN), France
Temporary Lecturer	1998-1999	École Normale Supérieure de Lyon (ENSL), France
Post-Doctoral	1997-1998	University of Udine, Italy
Software Engineer	1996-1997	CSELT (now Telecom Italia Labs), Turin, Italy
Mathematical and Computer Science teacher	1995-1996	Scientific college <i>Sommelier</i> , Turin, Italy
Ph.D. in Computer Science	1992-1996	University of Turin, Italy
Mathematical teacher	1991-1992	Scientific college <i>Galilée</i> , Tarvisio, Italy
Computer graphics teacher	1990-1991	Non-military national service, Udine, Italy
Master ( <i>Tesi di Laurea</i> ) in Computer Science	1990	University of Udine, Italy

## Publications

Type	#	Journals, conferences and workshops
International journals with anonymous referee process (other journal-size papers are marked in <b>bold</b> of next item)	12	Transaction on Programming Languages and Systems (TOPLAS), Annals of Pure and Applied Logics (APAL), Future Generation Computer Systems (FGCS), Journal of Logic and Computation (JLC), Information and Computation (IC), Theoretical Computer Science (TCS), Journal of Automated Reasoning (JAR), Mathematical Structures in Computer Systems (MSCS), Fundamenta Informaticae
International conferences and workshops with anonymous referee process (few “journal-size” conference papers are marked in <b>bold</b> )	41	ACM-SIGACT-SIGPLAN-POPL, ACM-SIGPLAN-OOPSLA, <b>ECOOP</b> ×2, MIT-JICSLP, IFIP-NETWORKING×2, ACM-SIGPLAN-PPDP, MFCS, CSL, FOSSACS, LFCS, FM, TAPSOFT/CAAP, LPAR×3, TYPES, ASIAN, TGC×2, I2CS, IEEE-JVA, ARCS, IEEE-TOOLS, ACM-SIGPLAN-MERLIN, <b>WRLA</b> , <b>WRS</b> , WESTAPP, GULP-PRODE, ATSC, <b>TERM-GRAPH</b> , ITRS, WWV, <b>DCM</b> , IEEE-ISCC
Nat. Conf./Workshops with anony. ref.	4	JFLA, SISFORM
International Workshops (no proc.)	4	RHO, TYPES, FUN, ATSC
Research Rep./Deliverables/Misc	7	INRIA, UNIUD, UNITO, IST-FET-FP6
Software and Reference Manuals	8	Momix@CSELT, {Snake, Arigatoni, Ariwheels, jSynapse, CarPal}@INRIA
Submitted/Unpublished	13	AdBis
Thesis	3	Habilitation Thesis, Ph.D. Thesis, Master Thesis
Teaching Material/Course Notes	11	ENSM Nancy, ENS Lyon, Sussex University, Turin University, Universidad Politécnica de Valencia

## Enseignements

Intitulé	Année	Effectif	Public: 1er=Bac+3				Répartition		
			1er	2ème	3ème	DEA/M2	Cours	TD	Conf.
Master U. Salerno P2P	09-10	??				×	20h		
Master MISMFSI P2P	09-10	30				×	20h		
Master UBINET P2P UNSA	09-10	20				×	9h		
FIT P2P Novi Sad	09	30				×	9h		
ENSL@Sophia OOP	08-09	15		×			24h		
Master RSD P2P UNSA	08-09	7				×	9h		
USUSX CoCo	03-04	15			×		15h	10h	
USUSX Fun	03-04	35	×				15h	10h	
ESSLI RHO Nancy	04	20				×	12h		
DEA Math UNSA	03-04	4				×	9h		
ENSMN SI 151	01-02	21			×		22h		13h
DEA IEAM Nancy	01-02	9				×	10h		
ENSMN SI 151	00-01	15			×		27h		18h
ENSMN SI 142	00-01	31		×			35h		10h
ENSMN TCS 23	00-01	14	×					61h	
ENSMN Proj+Stages	00-01	7		×	×			40h	
ENSMN SI 131	00-01	33		×			7h		
DEA IEAM Nancy	00-01	16				×	10h		
ENSMN SI 151	99-00	17			×		27h		18h
ENSMN SI 142	99-00	32		×			45h		
ENSMN SI 131	99-00	34		×			9h	8h	
ENSMN SI 153	99-00	17			×		6h		
ENSMN TCS 23	99-00	14	×					61h	
ENSMN Proj+Stages	99-00	11	×	×	×			47h	
ENSL POOGL	98-99	37	×	×			48h	32h	
ENSL RLC	98-99	14		×			6h	26h	
LSP	96-97	50			×		20h	30h	
LYCÉE	96-97	51						225h	
LYCÉE	91-92	80						231h	
FORM CONTINUE	91-92	30						160h	

# 1 Références

## Note.

Toutes les publications (si pas marqué en clair) sont dans des journaux, congrès, ateliers, “Internationaux, issus de sélections et comité de lecture avec actes”, aussi je me permets de ne pas reprendre cette information dans chacune des rubriques. La majorité de mes articles est disponible en format Postscript/PDF sur :

<http://www-sop.inria.fr/members/Luigi.Liquori/PAPERS/>

(X%) = Taux d’acceptation (si disponible)

## 1.1 International Journals

1. **Invited** D. Borsetti, C. Casetti, C. F. Chiasserini and L. Liquori. Content Discovery in Heterogeneous Mobile Networks. *Heterogeneous Wireless Access Networks: Architectures and Protocols*, E. Hossain editor, pages 419–441, Springer-Verlag, book chapter, 2008.
2. L. Liquori, A Spiwack. FeatherTrait: A Modest Extension of Featherweight Java. *ACM Transaction on Programming Languages and Systems*, 30(2), ACM Press, 2008.
3. **Invited** L. Liquori, A Spiwack. Extending FeatherTrait Java with Interfaces. In *Calculi, Types and Applications: Essays in honour of M. Coppo, M. Dezani-Ciancaglini and S. Ronchi Della Rocca. Theoretical Computer Science*, 398(1-3), pages 243–260, Elsevier, 2008.
4. **Selected** R. Chand, M. Cosnard, L. Liquori. Powerful Resource Discovery for Arigatoni Overlay Network. *Future Generation Computer Systems*, 24(1), pp 31–38, Elsevier, 2008.
5. L. Liquori, B. Serpette. iRho: An Imperative Rewriting-calculus. *Mathematical Structures in Computer Science*, 18, Cambridge University Press, 2008.
6. L. Liquori and S. Ronchi della Rocca. Intersection-Types à la Church. *Information and Computation*, 205(9), pages 1371–1386, Elsevier, 2007.
7. **Invited** F. Honsell, M. Lenisa, and L. Liquori. A Framework for Defining Logical Frameworks. In *Computation, Meaning and Logic. Articles dedicated to Gordon Plotkin. Electronic Notes in Theoretical Computer Science*, pages 399–436, Elsevier, 2007.
8. A. Ciaffaglione, L. Liquori, and M. Miculan. Reasoning about Object-based Calculi in (Co)Inductive Type Theory and the Theory of Contexts. *Journal of Automated Reasoning*, 39(1), pages 1-47, Kluwer Academic Publishers, 2007.
9. P. Lescanne, L. Liquori, and D. Dougherty. Addressed Term Rewriting Systems: Application to a Typed Object Calculus. *Mathematical Structures in Computer Science*, 16(4), pages 667-709, Cambridge University Press, 2006.
10. M. Bugliesi, G. Delzanno, L. Liquori, and M. Martelli. Object Calculi in Linear Logic. *Journal of Logic and Computation*, 10(1), pages 75–104, Oxford University Press, 2000.
11. V. Bono, M. Bugliesi, M. Dezani, and L. Liquori. A Subtyping for Extendible, Incomplete Objects. *Fundamenta Informaticae*, 38(4), pages 325–364, IOS Press, 1999.
12. S. van Bakel, L. Liquori, S. Ronchi della Rocca, and P. Urzyczyn. Comparing Cubes of Typed and Type Assignment Systems. *Annals of Pure and Applied Logic*, 86(3), pages 267–303, Elsevier / North Holland, 1997.

## 1.2 International Conferences / Workshops

**Note.** We decide to put 6 “journal-size” papers in this section. The DCM’06, TERM-GRAPH’04, WRLA’04, and WRS’03 items are published in *Electronic Notes in Computer Science*, but they are definitively journal versions; The ECOOP-97-98 international conference accepts 25 pages long camera ready; it is *defacto* considered as a journal.

13. **New!** V. Ciancaglini, L. Liquori and L. Vanni. CarPal : interconnecting overlay networks for a community-driven shared mobility, In Proc. of *TGC’10. International Symposium on Trustworthy Global Computing*, Munich, Germany. *Lecture Notes in Computer Science*, Springer-Verlag, to appear, 2010.
14. **New!** D. Dougherty and L. Liquori. Logic and computation in a lambda calculus with intersection and union types, In Proc. of *LPAR’10. Logic for Programming, Artificial Intelligence, and Reasoning*, Dakar, Senegal, *Lecture Notes in Computer Science*, Springer-Verlag, to appear, 2010.
15. **New!** L. Liquori, C. Tedeschi, L. Vanni, F. Bongiovanni, V. Ciancaglini and B. Marinković. Synapse: A Scalable Protocol for Interconnecting Heterogeneous Overlay Networks, In Proc. of *IFIP Networking’10. International Conferences on Networking.*, Chennai, India *Lecture Notes in Computer Science*, Springer-Verlag, to appear, 2010.
16. L. Liquori, C. Tedeschi and F. Bongiovanni. Babelchord: a social tower of DHT-based overlay networks. In Proc. of *IEEE ISCC’09. Symposium on Computers and Communications*, Sousse, Tunisie. IEEE Computer Society, pages 307-312, 2009.
17. **27%** F. Honsell, M. Lenisa, and L. Liquori, and I. Scagnetto. A Conditional Logical Framework. In Proc. of *LPAR’08. Logic for Programming, Artificial Intelligence, and Reasoning*, Doha, Qatar, *Lecture Notes in Computer Science* 5330, pages 143–157, Springer-Verlag, 2008.
18. L. Liquori, D. Borsetti, C. Casetti, and C. F. Chiasserini. An Overlay Architecture for Vehicular Networks. In Proc. of *IFIP Networking’08. International Conferences on Networking.*, Singapore. *Lecture Notes in Computer Science*, 4982, pages 60–71, Springer-Verlag, 2008.
19. **39%** L. Liquori and M. Cosnard. Logical Networks: Towards Foundations of Programmable Overlay Networks and Overlay Computing Systems. In Proc. of *TGC’07. International Symposium on Trustworthy Global Computing*, Sophia-Antipolis, France. *Lecture Notes in Computer Science*, 4912, Springer-Verlag, 2008.
20. M. Cosnard and L. Liquori. Weaving Arigatoni with a graph topology: In Proc. of *ADVCOMP-07. International Conference on Advanced Engineering Computing and Applications in Sciences*, 8 pages, IEEE Computer Society, 2007.
21. **24%** R. Chand, M. Cosnard, and L. Liquori. Improving Resource Discovery in the Arigatoni Overlay Network. In Proc. of *ARCS’07: 20th International Conference on Architecture of Computing Systems System Aspects in Pervasive and Organic Computing*, *Lecture Notes in Computer Science*, 4415, pages 98–111, Springer-Verlag, 2007.
22. **46%** D. Benza, M. Cosnard, L. Liquori, and M. Vesin. Arigatoni: A Simple Programmable Overlay Network. In Proc. of *JVA’06, John Vincent Atanasoff International Symposium on Modern Computing*, Sofia, Bulgaria, pages 82–91, IEEE Computer Society, 2006.
23. **32%** R. Chand, M. Cosnard, and L. Liquori. Resource Discovery in the Arigatoni Overlay Network. In Proc. of *I2CS’06, International Workshop on Innovative Internet Community Systems*, Neuchatel, Switzerland. *Lecture Notes in Computer Science*, 13 pages, to appear, Springer Verlag, 2007.

24. 53% M. Cosnard, L. Liquori, and R. Chand. Virtual Organizations in Arigatoni. In Proc. of *DCM'06, 3rd International Workshop on Developments in Computational Models*, Venice, Italy. *Electronic Notes in Theoretical Computer Science*, 171(3), pages 55–75, Elsevier, 2007. 20 pages = journal version
25. L. Liquori and F. Honsell, and R. Redamalla. A Language for Verification and Manipulation of Web Documents: (Extended Abstract). In Proc. of *WWV'05, 1st International Workshop on Automated Specification and Verification of Web Sites*, Valencia, Spain. *Electronic Notes in Theoretical Computer Science*, 157(2), pages 67–78, Elsevier, 2006.
26. 55% L. Liquori. iRho: the Software (System Description). In Proc. of *DCM'05, 2nd International Workshop on Developments in Computational Models*, Lisbon, Portugal. *Electronic Notes in Theoretical Computer Science*, 135(3), pages 85–96, Elsevier, 2006.
27. L. Liquori and S. Ronchi della Rocca. Towards an Intersection Typed System à la Church. In Proc. of *ITRS'04, Workshop on Intersection Types and Related Systems*. *Electronic Notes in Theoretical Computer Science*, 136, pages 43–56, Elsevier, 2005.
28. D. Dougherty, P. Lescanne, L. Liquori, and F. Lang. Addressed Term Rewriting Systems: Syntax, Semantics, and Pragmatics: Extended Abstract. In Proc. of *TERMGRAPH'04, 2nd International Workshop on Term Graph Rewriting*. *Electronic Notes in Theoretical Computer Science*, 127(5), pages 57–82, Elsevier, 2005. 25 pages = journal version
29. 47% L. Liquori and B. P. Serpette. An Imperative Rewriting Calculus. In Proc. of *PPDP'04, 6th ACM SIGPLAN Conference on Principle and Practice of Declarative Programming*. Verona, Italy, pages 167–179, The ACM Press, 2004.
30. L. Liquori and B. Wack. The Polymorphic Rewriting Calculus [Type Checking vs. Type Inference]. In Proc. of *WRLA'04, 6th International Workshop on Rewriting Systems and Applications*. Barcelona, Spain. Volume 117, pages 89-111 of *Electronic Notes in Theoretical Computer Science*, Elsevier, 2005. 22 pages = journal version
31. Invited H. Cirstea, C. Kirchner, L. Liquori, and B. Wack. Rewrite Strategies in the Rewriting Calculus. In Proc. of *WRS'03, 3rd International Workshop on Reduction Strategies in Rewriting and Programming*, Valencia, Spain. *Electronic Notes in Theoretical Computer Science*, 86(4), pages 593-624, Elsevier, 2005. 31 pages = journal version
32. A. Ciaffaglione, L. Liquori, and M. Miculan. Reasoning on an Imperative Object-based Calculus in Higher Order Abstract Syntax. In Proc. of *MERLIN'03, 2nd ACM SIGPLAN Workshop on MEchanized Reasoning about Languages with varIable biNding*. Uppsala, Sweden. The ACM Digital Library, 2003.
33. Selected H. Cirstea, L. Liquori, and B. Wack: Rewriting Calculus with Fixpoints: Untyped and First-Order Systems. In Proc. of *Types '03, International Workshop on Types for Proof and Programs*. Turin, Italy. *Lecture Notes in Computer Science* 3085, pages 147-161, Springer Verlag, 2003.
34. 41% A. Ciaffaglione, L. Liquori, and M. Miculan. Imperative Object-based Calculi in (Co)Inductive Type Theories. In Proc. of *LPAR'03, 10th International Conference on Logic for Programming Artificial Intelligence and Reasoning*. Almaty, Kazakhstan. *Lecture Notes in Computer Science* 2850, pages 59–77, Springer Verlag, 2003.
35. 35% G. Barthe, H. Cirstea, C. Kirchner, and L. Liquori. Pure Pattern Type Systems. In Proc. of *POPL'03, 30th Annual ACM SIGPLAN - SIGACT Symposium on Principles of Programming Languages*. New Orleans, LA, USA, pages 250–261, The ACM Press, 2003.

36. Invited H. Cirstea, C. Kirchner, and L. Liquori. Rewriting Calculus with(out) Types. In Proc. of *WRLA'02, 4th International Workshop on Rewriting Systems and Applications*. Pisa, Italy. Volume 71 of *Electronic Notes in Theoretical Computer Science*, Elsevier, 2002.
37. H. Cirstea, C. Kirchner, L. Liquori, and B. Wack. The Rho Cube: Some Results, Some Problems. In Proc. of *HOR'02, 1th International Workshop on Higher-Order Rewriting*, Copenhagen, Denmark, Electronic proceedings in <http://hor.pps.jussieu.fr/02/proc/proc.ps>, 2002.
38. 39% H. Cirstea, C. Kirchner, and L. Liquori. The Rho Cube. In Proc. of *FOSSACS'01, 4th International Conference on Foundations of Software Science and Computation Structures*. Genova, Italy. *Lecture Notes in Computer Science* 2051, pages 77–92, Springer Verlag, 2001.
39. 28% H. Cirstea, C. Kirchner, and L. Liquori. Matching Power. In Proc. of *RTA'01, 12th International Conference on Rewriting Techniques and Applications*. Utrecht, The Netherlands. *Lecture Notes in Computer Science* 2030, pages 168–183, Springer Verlag, 2001.
40. F. Lang, P. Lescanne, L. Liquori, D. Dougherty, and K. Rose. A Generic Object-Calculus Based on Addressed Term Rewriting Systems (extended abstract). In Proc. of *WESTAPP'01, 4th International Workshop on Explicit Substitutions: Theory and Applications to Programs and Proofs*. Utrecht, The Netherlands. *Logic Group Preprint series* No 210, pages 6–25. Printed by the University of Utrecht, 2001.
41. 64% D. Colnet and L. Liquori. Match-O, a Statically Safe (?) Dialect of Eiffel. In Proc. of *IEEE-TOOLS '00, 37th International Conference on Technology of Object-Oriented Languages and Systems*, Sydney, Australia. pages 190–201, IEEE Computer Society, 2000.
42. 35% F. Lang, P. Lescanne, and L. Liquori. A Framework for Defining Object-Calculi. In Proc. of *FM'99, World Congress on Formal Methods in the Development of Computing Systems*. Toulouse, France. *Lecture Notes in Computer Science* 1709, pages 963–982, Springer Verlag, 1999.
43. Selected L. Liquori. Bounded Polymorphism for Extensible Objects. In Proc. of *Types'98, International Workshop on Types for Proof and Programs*. Kloster Irsee, Germany. *Lecture Notes in Computer Science* 1657, pages 149–163. Springer Verlag, 1999.
44. 18% P. Di Gianantonio, F. Honsell, and L. Liquori. A Lambda Calculus of Objects with Self-Inflicted Extension. In Proc. of *ACM-SIGPLAN OOPSLA'98, International Symposium on Object Oriented, Programming, System, Languages and Applications*. Vancouver, Canada. 33(10), pages 166–178, ACM Press, 1998.
45. 19% L. Liquori. On Object Extension. In Proc. of *ECOOP'98, 12th European Conference on Object Oriented Programming*, Brussels, Belgium. *Lecture Notes in Computer Science* 1445, pages 498–552, Springer-Verlag, 1998. 25 pages = journal version
46. 19% L. Liquori. An Extended Theory of Primitive Objects: First Order System. In Proc. of *ECOOP'97, 11th European Conference on Object Oriented Programming*, Jyväskylä, Finland. *Lecture Notes in Computer Science* 1241, pages 146–167, Springer-Verlag, 1997. 25 pages = journal version
47. 38% V. Bono, M. Bugliesi, M. Dezani, and L. Liquori. Subtyping Constraints for Incomplete Objects. In Proc. of *TAPSOFT'97, 7th International Joint Conference CAAP/FASE on Theory and Practice of Software Development*, Lille, France. *Lecture Notes in Computer Science* 1214, pages 465–477, Springer-Verlag, 1997.
48. 18% L. Liquori and G. Castagna. A Typed Lambda Calculus of Objects. In Proc. of *ASIAN'96, 2nd International Conference on Concurrency and Parallelism, Programming, Networking, and Security*, Singapore. *Lecture Notes in Computer Science* 1212, pages 129–141, Springer-Verlag, 1996.

49. 28% M. Bugliesi, G. Delzanno, L. Liquori, and M. Martelli. A Linear Logic Calculus of Objects. In Proc. of *JICSLP'96, Joint International Conference and Symposium on Logic Programming*, Bonn, Germany. pages 79–94, The MIT Press, 1996.
50. 38% V. Bono, M. Bugliesi, and L. Liquori. A Lambda Calculus of Incomplete Objects. In Proc. of *MFCS'96, 21st International Symposium of Mathematical Foundation of Computer Science, 1996*, Cracovie, Poland. *Lecture Notes in Computer Science* 1113, pages 218–229, Springer-Verlag, 1996.
51. 25% V. Bono and L. Liquori. A Subtyping for the Fisher-Honsell-Mitchell Lambda Calculus of Objects. In Proc. of *CSL'94, 8th International Conference of Computer Science Logic*, Kazimierz, Poland. *Lecture Notes in Computer Science* 933, pages 16–30, Springer-Verlag, 1995.
52. S. van Bakel, L. Liquori, S. Ronchi della Rocca, and P. Urzyczyn. Comparing Cubes. In Proc. of *LFCS'94. 3rd International Symposium on Logical Foundations of Computer Science*, St. Petersburg, Russia. *Lecture Notes in Computer Science* 813, pages 353–365, Springer-Verlag, 1994.
53. L. Liquori and M.L. Sapino. Dealing with Explicit Exceptions, In Proc. of *Joint Conference on Declarative Programming, Gulp-Prode'94*, Peniscula, Spain. SPUPV-94.2046, pages 296–308, Printed by the University of Valencia, 1994.

### 1.3 National Conferences / Workshops

54. H. Cirstea, C. Kirchner, L. Liquori, and B. Wack. Polymorphic Type Inference for the Rewriting Calculus. In Proc. of *JFLA'06, 17ème Journées Francophones des Langages Applicatifs*, Pauillac, France, pages 57–69, Édition INRIA, 2006.
55. 63% P. Di Gianantonio, L. Liquori, and F. Honsell. A Lambda Calculus of Objects with Self-Inflicted Extension (extended abstract). In Proc. of *SisForm'98, 1st Workshop sui Sistemi Formali per la Specifica, l'Analisi, la Verifica, la Sintesi e la Trasformazione del Software*, Rome, Italy, SI-98/11, pages 39–40, Printed by the University of Rome I *La Sapienza*, 1998.
56. L. Liquori. Diamond Types for Extendible Objects. At *FUN'98, Fourth Italian Workshop on Functional Programming*, Como, Italy, 1998.
57. L. Liquori and M. L. Sapino. Operational and Denotational Semantics for a Logic Language with explicit Exceptions. In *FUN'95, First Italian Workshop on Functional Programming*, Bologna, Italy, 1995.

### 1.4 International Workshops (no proceedings)

58. F. Honsell, M. Lenisa, and L. Liquori. A Framework for Defining Logical Frameworks. At *Rho-06, 3rd Workshop on the Rewriting Calculus*, Kings College, London, UK. <http://rho.loria.fr/workshop2006.html>, 2006.
59. L. Liquori. Some Progress in the SW iRho. At *2nd Workshop on the Rewriting Calculus*, LIX, Paris, France, <http://rho.loria.fr/workshop2005.html>, 2005.
60. L. Liquori and A. Spiwack. OhML. (The “Zen Essence” of Methods-as-Functions). At *Types'04, International Workshop on Types for Proof and Programs*. LIX Palaiseau, Paris, France, <http://types2004.lri.fr/index.html>, 2004.
61. L. Liquori. A Typed Axiomatic Object Calculus with Subtyping. At *ATSC'95, Workshop on Advances In Type Systems For Computing*, Newton Institute, Cambridge, UK, <http://www.seas.upenn.edu/~sweirich/types/archive/1996/msg00006.html>, 1995.

## 1.5 Research Reports not Published Elsewhere / Deliverables / Miscellaneous

62. L. Liquori. LogNet. Logical Networks: Self-organizing Overlay Networks and Generic Overlay Computing Systems. Proposition d'Équipe-Projet INRIA, V2, 2010.
63. H. Cirstea, E. Coquery, W. Drabent, F. Fages, C. Kirchner, L. Liquori, B. Wack, and A. Wilk. Types for REVERSE reasoning and query language. REVERSE Network of Excellence. Deliverable I3-D4, 2005.
64. L. Liquori. Book Review: Formal Methods for Open Object-Based Distributed Systems. *The Computer Journal*, 46(6). Oxford University Press - British Computer Society, 2003.
65. L. Liquori & the Miró Team. Miró: Systèmes à Objets, Types et Prototypes : Sémantique et Validation, Proposition de Projet INRIA, V1.3, 58 pages, in French, <http://www-sop.inria.fr/interne/vie/comites/cp/AvantProjets/Miro/MiroV1.3.ps.gz>, 2002.
66. L. Liquori & the Miró Team. Miró: Systèmes à Objets, Types et Prototypes : Sémantique et Validation, Rapport d'activité INRIA, [http://www.inria.fr/rapportsactivite/RA2001/miro/miro\\_tf.html](http://www.inria.fr/rapportsactivite/RA2001/miro/miro_tf.html), 2001-2002-2003.
67. L. Liquori. Playing with Diamonds. Research Report, Dipartimento di Matematica ed Informatica, University of Udine, Italy, 1998.
68. L. Liquori. An Extended Theory of Primitive Objects : First and Second Order Systems. Research Report CS-23-96, Dipartimento di Matematica ed Informatica, University of Turin, Italy, 1996.

## 1.6 Software and Reference Manuals

69. V. Ciancaglini, L. Liquori and L. Vanni. CarPal : an implementation of the CarPal overlay network, <http://www-sop.inria.fr/lognet/carpal>, 2010.
70. L. Vanni, L. Liquori and V. Ciancaglini. jSynapse: an implementation of the Synapse protocol. <http://www-sop.inria.fr/lognet/synapse/jSynapse>, 2010.
71. D. Borsetti, L. Liquori, C. Casetti, and C. F. Chiasserini. Ariwheels: Un Simulateur des protocoles Arigatoni et MANET. <http://www-sop.inria.fr/members/Luigi.Liquori/ARIGATONI/Ariwheels.html>, 2008.
72. R. Chand, L. Liquori, and M. Cosnard. Arigatoni: Un Simulateur des protocoles de l'overlay Arigatoni. <http://www-sop.inria.fr/members/Luigi.Liquori/ARIGATONI/index.html>, 2007.
73. L. Liquori. Snake: The First Ascii-Oriented Script Language Based on the Original Screenplay of the Imperative Rewriting Calculus V1.1, <http://www-sop.inria.fr/members/Luigi.Liquori/Snake>, 2005.
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