

Publications List

Massimo Marchiori

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(H-index: 42, Overall citations: 24542)

Massimo Marchiori

“Logic Programs as Term Rewriting Systems”,
In *Proceedings of the Third International Conference on Algebraic and Logic Programming (ALP'94)*, LNCS, Springer-Verlag, 1994.
[Category: Conferences and Symposia]

Massimo Marchiori

“Localizations of Unification Freedom through Matching Directions”,
In *Proceedings of the International Logic Programming Symposium (ILPS'94)*, The MIT Press, 1994.
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Livio Colussi, Elena Marchiori, Massimo Marchiori

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In *Proceedings of the International Workshop on Verification and Analysis of Logic Languages*, VU Press, 1994.
[Category: Workshops]

Paolo Frigo, Massimo Marchiori

“Implementing Prolog Programs Free from Unification”,
In *Proceedings of the Tenth International Logic Programming Workshop (WLP'94)*, IFI Press, 1994.
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Massimo Marchiori

“Modularity of Completeness Revisited”,
In *Proceedings of the Sixth International Conference on Rewriting Techniques and Applications (RTA'95)*, LNCS, Springer-Verlag, 1995.
[Category: Conferences and Symposia] [Best Paper Award]

Massimo Marchiori

“The functional side of logic programming”,
In *Proceedings of the Seventh ACM International Conference on Functional Programming Languages and Computer Architecture (FPCA'95)*, ACM Press, 1995.
[Category: Conferences and Symposia]

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In *Proceedings of the Seventh International Symposium on Programming Languages, Implementations, Logics and Programs (PLILP'95)*, LNCS, Springer-Verlag, 1995.
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In *Proceedings of the First International Conference on Principles and Practice of Constraint Programming (CP'95)*, LNCS, Springer-Verlag, 1995.

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“Modular Termination of r-Consistent and Left-Linear Term Rewriting Systems”,

In *Theoretical Computer Science* vol.149(2), Elsevier, 1995.

[Category: Journals]

Elena Marchiori, Massimo Marchiori

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[Category: Conferences and Symposia]

Joost N. Kok, Elena Marchiori, Massimo Marchiori, Claudio Rossi

“Constraining of Weights using Regularities”,

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[Category: Conferences and Symposia]

Massimo Marchiori

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In *Journal of Symbolic Computation* vol.22(2), Academic Press, 1996.

[Category: Journals]

Joost N. Kok, Elena Marchiori, Massimo Marchiori, Claudio Rossi

“Evolutionary Training of CLP-Constrained Neural Networks”,

In *Proceedings of the Second International Conference on the Practical Application of Constraint Technology (PACT'96)*, PAC Press, 1996.

[Category: Conferences and Symposia]

Massimo Marchiori

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In *Proceedings of the Fifth International Conference on Algebraic Methodology and Software Technology (AMAST'96)*. LNCS, Springer-Verlag, 1996.

[Category: Conferences and Symposia]

Massimo Marchiori

“Unravelings and Ultra-properties”,

In *Proceedings of the Fifth International Conference on Algebraic and Logic Programming (ALP'96)*, LNCS, Springer-Verlag, 1996.

[Category: Conferences and Symposia]

Elena Marchiori, Massimo Marchiori, Joost N. Kok

“Forward-Tracking: A Technique for Searching Beyond Failure”,

In *Proceedings of the Eighth IEEE International Conference on Tools with Artificial Intelligence (ICTAI'96)*, IEEE Press, 1996.

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Massimo Marchiori

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Massimo Marchiori

“The Quest for Correct Information on the Web: Hyper Search Engines”
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[Category: Conferences and Symposia]

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In *Theoretical Computer Science* vol.192(1), Elsevier, 1997.
[Category: Journals]

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“Security of World Wide Web Search Engines”,
In *Proceedings of the Third International Conference on Reliability, Quality and Safety of Software-Intensive Systems (ENCRESS'97)*, Chapman & Hall, 1997.
[Category: Conferences and Symposia]

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In *Proceedings of the Eighth International Conference on Logic and Computer Science*, Novi Press, 1997.
[Category: Conferences and Symposia]

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In *Proceedings of the Twentyfourth International Colloquium on Automata, Languages, and Programming (ICALP'97)*, LNCS, Springer-Verlag, 1997.
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Massimo Marchiori

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Massimo Marchiori

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Massimo Marchiori

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In *Proceedings of the 1998 ACM International Symposium on Applied Computing (SAC '98), Ada and Software Engineering Track*, ACM Press, 1998.

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Massimo Marchiori

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[Category: Conferences and Symposia]

Maurizio Gabbrielli, Massimo Marchiori, Frank de Boer

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In *Proceedings of Query Languages 1998 (QL'98)*, MIT Press, 1998.

[Category: Conferences and Symposia]

Massimo Marchiori, Janne Saarela

“Query + Metadata + Logic = Metalog”,

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- Massimo Marchiori
“The Privacy Challenge, and P3P”,
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- Massimo Marchiori
“XML for the Public Administration”
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- Massimo Marchiori, Vito Latora
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- Massimo Marchiori
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- Vito Latora, Massimo Marchiori
“Efficient behavior of small-world networks”,
In *Physical Review Letters* vol.87(19), The American Physical Society, 2001.
[Category: Journals]
- Paolo Crucitti, Vito Latora, Massimo Marchiori, Andrea Rapisarda
“Complex Systems: Analysis and Models of Real-Networks”,
In *Proceedings of the International Conference on Energy Transfer in Biological Systems*,
World Scientific Press, 2002.
[Category: Conferences and Symposia]
- Massimo Marchiori, Vito Latora
“Vulnerability of Critical Infrastructures”
In *ENEA Symposium on Critical Infrastructures*, 2002.
[Category: Miscellaneous]
- Massimo Marchiori, Michael R. Lyu, Mary Ellen Zurko (eds.)
“Special Issue on XML”,
In *Computer Networks* vol.39(5), Elsevier, 2002.
[Category: Volumes, Books and Book Chapters]
- Massimo Marchiori et al.
“The Platform for Privacy Preferences 1.0 (P3P1.0) Specification”,
The World Wide Web Consortium (W3C), W3C/MIT, 2002.
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- Massimo Marchiori et al.
“A P3P Preference Exchange Language (APPEL)”,
The World Wide Web Consortium (W3C), W3C/MIT, 2002.
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“Knowledge Technologies - Perspectives for 2012”,
European Commission KA3 Strategic Report, 2002.

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“Is the Boston subway a small-world network?”,

In *Physica A* n.314, special issue on "*Horizons in Complex Systems*", Elsevier, 2002.

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“Complex Systems: Analysis and Models of Real-World Networks”,

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“The Mathematical Semantic Web”,

In *Proceedings of the International Conference on Mathematical Knowledge Management*,
LNCS, Springer-Verlag, 2003.

[Category: Conferences and Symposia]

Paolo Crucitti, Vito Latora, Massimo Marchiori, Andrea Rapisarda

“Efficiency of Scale-Free Networks: Error and Attack Tolerance”,

In *Physica A* n.320, Elsevier, 2003.

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“Economic Small-World Behavior in Weighted Networks”,

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[Category: Journals]

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“W5: The Five W's of the World Wide Web”,

In *Proceedings of the Second International Conference on Trust Management*, LNCS,
Springer-Verlag, 2004.

[Category: Conferences and Symposia]

Vito Latora, Massimo Marchiori

“How the science of complex networks can help developing strategies against terrorism”,

In *Chaos Solitons and Fractals* n. 20, Pergamon, 2004.

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“Towards a People's Web: Metalog”,

In *Proceedings of the IEEE/WIC/ACM International Conference on Web Intelligence (WI 2004)*, IEEE Press, 2004.

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Paolo Crucitti, Vito Latora, Massimo Marchiori

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In *Physical Review E* n. 69, The American Physical Society, 2004.

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Paolo Crucitti, Vito Latora, Massimo Marchiori

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In *Physica A* n. 338, Elsevier, 2004.

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Santo Fortunato, Vito Latora, Massimo Marchiori

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M. Marchiori *et al.*

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Paolo Crucitti, Vito Latora, Massimo Marchiori

“Error and attack tolerance of complex networks”,

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Francois Bry, Massimo Marchiori

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Francois Bry, Massimo Marchiori

“Reasoning on the semantic web: Beyond ontology languages and reasoners”,

In *Proceedings of the 2nd European Workshop on Integration of Knowledge, Semantics and Digital Media Technology*, The Institution of Engineering and Technology, 2005.

[Category: Workshops]

P. Tieri, S. Valensin, V. Latora, G. C. Castellani, M. Marchiori, D. Remondini, C. Franceschi

“Quantifying the relevance of different mediators in the human immune cell network”,

In *Bioinformatics* n.21, Oxford University Press, 2005.

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Vito Latora, Massimo Marchiori

“Vulnerability and Protection of infrastructure networks”,

In *Physical Review E* n. 71, The American Physical Society, 2005.

[Category: Journals]

Paolo Crucitti, Vito Latora, Massimo Marchiori

“Locating critical lines in high-voltage electrical power grids”,

In *Fluctuation and Noise* vol. 5, World Scientific, 2005.

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Massimo Marchiori

“Mary Poppins and the Web of the Future: Search, Share, Social, Semantics, and Sugar”,
In *Proceedings of the 2nd International Workshop on Automated Specification and Verification of Web Systems*, IEEE Press, 2006.
[Category: Workshops]

Massimo Marchiori

“How to Talk to a Human: The Semantic Web and the Clash of the Titans”,
In *International Symposium on. Logic-based Program Synthesis and Transformation*, LNCS 4407, Springer-Verlag, 2007.
[Category: Conferences and Symposia]

Massimo Marchiori, Jeff Z. Pan, Christian de Sainte Marie (eds.)

“Web Reasoning and Rule Systems”,
LNCS 4524, Springer-Verlag, 2007.
[Category: Volumes, Books and Book Chapters]

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The World Wide Web Consortium (W3C), W3C/MIT, 2007.
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The World Wide Web Consortium (W3C), W3C/MIT, 2007.
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The World Wide Web Consortium (W3C), W3C/MIT, 2007.
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The World Wide Web Consortium (W3C), W3C/MIT, 2007.
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“Automated Specification and Verification of Web Systems”
Electr. Notes Theoretical Computer Science 200(3), Springer-Verlag, 2008.
[Category: Volumes, Books and Book Chapters]
- Massimo Marchiori et al. (eds.)
“Reasoning Web”,
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[Category: Volumes, Books and Book Chapters]
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Theory and Practice of Logic Programming vol. 8(3), CUP, 2008.
[Category: Volumes, Books and Book Chapters]
- Massimo Marchiori et al.
“Reverse Engineering and Critical Analysis of Gene Regulatory Networks in Multiple Myeloma”
Proceedings of *Machine learning in integrative genomics (MLIG)*, special session at *the 4th International Conference in Pattern Recognition or Bioinformatics (PRIB)*, 2009.
[Category: Conferences and Symposia]
- Massimo Marchiori
“Search Engines and Mirrors of Society”
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[Category: Volumes, Books and Book Chapters]

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“Critical analysis of transcriptional and post-transcriptional regulatory networks in multiple myeloma”
In *Pacific Symposium on Biocomputing*, World Scientific, 2010.
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Massimo Marchiori, Lino Possamai

“Telescopic Analysis of Complex Networks”,
In *Proceedings of the 30th International Conference on Social Network Analysis*, 2010.
[Category: Conferences and Symposia]

(2010-2013 research leave from the University of Padua, as CTO of Volunia Holding)

Massimo Marchiori

“Internet Searching and Social Interaction Techniques”,
USPTO USSN 13/366,093, 2012.
[Category: Patents]

Massimo Marchiori

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In *International Journal of Scientific & Technology Research*, 2014.
[Category: Journals]

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“A Foundational Axiomatic Modeling of the Web”,
In *International Journal of Computer Applications*, 2014.
[Category: Journals]

Massimo Marchiori, Lino Possamai

“Micro-Macro Analysis of Complex Networks”,
In *PLOS ONE*, 2015.
[Category: Journals]

Massimo Marchiori

“Cruella De Math and the 302 Dalmatians”,
In *Math and Integrated Sciences Teaching*, 2016.
[Category: Journals]

Massimo Marchiori

“Little Big Data: Shaping Minds for the Cloud”,
In *Proceedings of the IEEE International Conference on Cloud and Big Data Computing (CBDCOM)*, 2016.
[Category: Conferences and Symposia]
[Best Paper Award]

Massimo Marchiori

“The Paradox of the Shopping Mall: Costumers Flows and Market Efficiency”,
In *Proceedings of the 3rd IEEE International Conference on Data Science and Systems (DSS)*, 2017.
[Category: Conferences and Symposia]

Massimo Marchiori

“The secure mobile teen: Looking at the secret world of children”,
In *Proceedings of the 13th IEEE International Conference on Wireless and Mobile Computing, Networking and Communications (WiMob)*, 2017.
[Category: Conferences and Symposia]

Massimo Marchiori

“The Smart Cheap City: efficient waste management on a budget”,
In *Proceedings of the 15th IEEE International Conference on Smart City (SmartCity)*, 2017.
[Category: Conferences and Symposia]

Massimo Marchiori

“Learning the way to the Cloud: Big Data Park”,
In *Concurrency and Computation: Practice and Experience*, Wiley & Sons, 2017.
[Category: Journals]

Massimo Marchiori

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In *Proceedings of the 4th IEEE International Conference on Big Data Computing Service and Applications (BigDataService)*, 2018.
[Category: Conferences and Symposia]