

Elenco delle pubblicazioni di Giuseppe Cattaneo al: 3 maggio 2010

- [1] Giuseppe Cattaneo, Stefano Levialdi, and Genny Tortora. Language constructs for image manipulation. In *1th IEEE Workshop on Visual Languages*, pages 108–114, Hiroshima (Japan), 1984.
- [2] Giuseppe Cattaneo. Linguaggi imperativi per la programmazione concorrente. Technical Report 56/86, C.N.R., Sep 1986.
- [3] Giuseppe Cattaneo, Mara Guercio, Stefano Levialdi, and Genny Tortora. Iconlisp: an example of a visual programming language. In *2nd IEEE Workshop on Visual Languages*, pages 22–25, Dallas (USA), 1986.
- [4] Giuseppe Cattaneo, Mario Furnari, and Antonio Massarotti. Needs for a new massively parallel lisp-like architecture. Technical Report 45/87, C.N.R., Jul 1987.
- [5] Giuseppe Cattaneo. The basic hardware and software support to medium grain parallelism. Technical Report 88–71, Université Paris VI, Nov 1988.
- [6] Giuseppe Cattaneo and Vincenzo Loia. A common-lisp implementation of an extended prolog system. *SIGPLAN Notices*, 23(4), 1988.
- [7] Giuseppe Cattaneo, Vincenzo Loia, and Michel Quaggetto. Toward the efficient high-level implementation of prolog: Mxlog a case study. In *The International Computer Science Conference*, pages 19–21, Hong Kong, Dec 1988.
- [8] Patrick Boizumault, Giuseppe Cattaneo, Vincenzo Loia, and Michel Quaggetto. Sleepers: a high level tool to implement prolog. In *IV International Symposium on Computer and Information Science (ISCIS IV)*, Cesme (Turkey), Oct 1989.
- [9] Giuseppe Cattaneo. Le portage de kyoto common lisp sur la machine encore multimax. Technical Report 89–81, Università Parigi VI, Nov 1989.
- [10] Giuseppe Cattaneo, Vincenzo Loia, and Michel Quaggetto. Manipulation de l’histoire du calcul pour implémenter des outils de mise au point. In *Actes du séminaire de programmation en logique de Trègastel (SPLT’89)*, Trègastel (France), May 1989.
- [11] Giuseppe Cattaneo, Vincenzo Loia, and Michel Quaggetto. Un ambiente di programmazione basato sulla manipolazione della storia del calcolo. In *Atti del IV Convegno sulla Programmazione Logica*, Bologna (Italy), Jun 1989.
- [12] Giuseppe Cattaneo and Patrick Paroubek. The software support to medium grain parallelism: an evaluation. In *IV International Symposium on Computer and Information Science (ISCIS IV)*, Cesme (Turkey), Oct 1989.
- [13] Giuseppe Cattaneo, D. Noce, and Maria I. Sessa. An expert system for palaeography. In *V International Symposium on Computer and Information Science (ISCIS V)*, Nevsehir Cappadocia (Turkey), Oct 1990.
- [14] Mario Busillo, Moreno Carosella, and Giuseppe Cattaneo. Sistemi a parallelismo massivo per l’elaborazione e l’analisi dell’immagine. In *Atti del Congresso Annuale A.I.C.A.*, Torino (Italy), October 1992.

- [15] Giuseppe Cattaneo, Moreno Carosella, and Giovanni Nardone. Un sistema parallelo ad attori orientato alla visione. In *Atti del Workshop "Elaborazione Parallela: Ricerca ed Applicazioni"*, Roma (Italy), Feb 1992.
- [16] Giuseppe Cattaneo, Giuseppe Di Giore, and Michele Ruotolo. Another C threads library. *ACM SIGPLAN Notices*, 27(12), 1992.
- [17] Giuseppe Cattaneo, Vincenzo Loia, and Michel Quaggetto. Incremental high level implementation of prolog in a open system framework. In *Proceedings of the IV Workshop on Software Engineering & Knowledge Engineering*, Capri (Italy), Jun 1992.
- [18] Giuseppe Cattaneo, Giovanni Nardone, and Maria I. Sessa. An actor based implementation of a concurrent asynchronous zero searching algorithm. In *VII International Symposium on Computer and Information Science (ISCIS VII)*, Turkey, Oct 1992.
- [19] Giuseppe Cattaneo and Isidoro Orabona. Guida ragionata alle funzioni del sistema operativo Unix TM. Technical report, Dipartimento di Informatica ed Applicazioni, Università di Salerno, Apr 1994.
- [20] David Alberts, Giuseppe Cattaneo, and Giuseppe F. Italiano. An empirical study of dynamic graph algorithms. In *Proc. of Seventh Annual ACM-SIAM Symposium on Discrete Algorithms*, pages 192–201, Atlanta (USA), Jan 28–31 1996.
- [21] David Alberts, Giuseppe Cattaneo, and Giuseppe F. Italiano. An empirical study of dynamic graph algorithms. *Journal of Experimental Algorithms (D.E. Knuth, Editor-in-Chief)*, 2(5), 1997.
- [22] Giuseppe Amato, Giuseppe Cattaneo, and Giuseppe F. Italiano. Experimental analysis of dynamic minimum spanning tree algorithms. In *Eighth Annual ACM-SIAM Symposium on Discrete Algorithms*, pages 314–323, New Orleans (USA), Jan 5–7 1997.
- [23] Maria Barra, Giuseppe Cattaneo, and Vittorio Scarano. Architecture design of a distributed system for cooperative and remote software support and maintenance. In *ReTIS '97 - Re-Technologies for Information Systems*, volume 107, pages 101–116, OCG Lecture Notes, 1997.
- [24] David Alberts, Giuseppe Cattaneo, Giuseppe F. Italiano, Umberto Nanni, and Christos D. Zaroliagis. A software library of dynamic graph algorithms. In *ALEX '98*, pages 129 –136, Trieste, Feb 9 – 11 1998.
- [25] Maria Barra, Giuseppe Cattaneo, Mario Izzo, Alberto Negro, and Vittorio Scarano. Commercio elettronico: Adattività, sicurezza e privacy. In *Atti del Convegno "Caboto '98: Il Commercio Elettronico per le Piccole e Medie Imprese"*, Venezia, Febrary 26–27 1998.
- [26] Maria Barra, Giuseppe Cattaneo, Mario Izzo, Alberto Negro, and Vittorio Scarano. Symmetric adaptive customer modeling for electronic commerce in a distributed environment. In Springer-Verlag, editor, *Lecture Notes in Computer Science, International IFIP Working Conference on "Trends in Distributed Systems for Electronic Commerce"*, Jun 3–5 1998.
- [27] Maria Barra, Giuseppe Cattaneo, Alberto Negro, and Vittorio Scarano. Symmetric adaptive customer modeling in an electronic store. In *Third IEEE Symposium on Computers and Communications (ISCC)*, IEEE Comp. Press, 1998.
- [28] Giuseppe Cattaneo, Umberto Ferraro Petrillo, Giuseppe F. Italiano, and Vittorio Scarano. Cooperative algorithm and data types animation over the internet. In *Fundamentals, Foundations*

of *Computer Science, 15th IFIP World Computer Congress (IFIP 98)*, pages 63–80, Vienna (Austria), Aug 31–Sep 4 1998.

- [29] Giuseppe Cattaneo and Giuseppe F. Italiano. Algorithm engineering. *ACM Comput. Surv.*, 31(3es):3, 1999.
- [30] Giuseppe Cattaneo, A. Guiducci, and Umberto Ferraro Petrillo. Animation of parallel programs. In *Atti del V “Workshop sui Sistemi Distribuiti: Algoritmi, Architetture e Linguaggi”*, pages 1–3, Ischia, Italy, Sep 18–20 2000.
- [31] Carlo Blundo, Giuseppe Cattaneo, and Alfredo De Santis. Un sistema a garanzia dell’anonimato su internet. In *Atti del XXXIX Congresso Annuale AICA 2001 “Tecnologie Innovazione e Società”*, Cernobbio (CO) Italy, Sep 19–22 2001.
- [32] Giuseppe Cattaneo, Luigi Catuogno, Aniello Del Sorbo, and Giuseppe Persiano. The design and implementation of a transparent cryptographic file system for unix. In Clem Cole, editor, *USENIX Annual Technical Conference, FREENIX Track*, number 1-880446-10-3, pages 199–212, Boston, Massachusetts, USA, June 25-30 2001.
- [33] Carlo Blundo, Annalisa Caso, Giuseppe Cattaneo, Andrea D’Agostino, Alfredo De Santis, Gerardo Maiorano, and Giuseppe Persiano. Un’architettura scalabile per servizi di time-stamping. In *Atti del XL Congresso Annuale AICA 2002 “ICT, globalization and localisms”*, Conversano (BA) Italy, 25–27 Sep 2002.
- [34] Giuseppe Cattaneo, Pompeo Faruolo, Umberto Ferraro Petrillo, and Giuseppe F. Italiano. Maintaining dynamic minimum spanning trees: An experimental study. In David M. Mount and Clifford Stein, editors, *Proceedings of the 4th International Workshop, Algorithm Engineering and Experiments, ALENEX 2002 (Revised Papers)*, volume 2409 of *Lecture Notes in Computer Science*, pages 111–125, San Francisco, CA, USA, January 4-5 2002. Springer.
- [35] Giuseppe Cattaneo, Giuseppe F. Italiano, and Umberto Ferraro Petrillo. Catai: Concurrent algorithms and data types animation over the internet. *J. Vis. Lang. Comput.*, 13(4):391–419, 2002.
- [36] Luigi Auletta, Giuseppe Cattaneo, Luigi Catuogno, A. De Gregorio, Umberto Ferraro Petrillo, Antonio Fresa, Domenico Parente, and Giuseppe Persiano. Applying wbem to heterogeneous tlc network management: an evaluation. In *Proceedings of IEEE SoftCOM*, pages 380–385, Split, Croazia, October 7–10 2003.
- [37] Giuseppe Cattaneo, Luigi Catuogno, Umberto Ferraro Petrillo, and Ivan Visconti. A lightweight security model for wbem. In Springer-Verlag, editor, *Proceedings of Workshop on Reliable and Secure Middleware*, volume 2889 of *Lecture Notes in Computer Science*, pages 975–988, Catania, Italy, November 7 2003.
- [38] Giuseppe Cattaneo, Alessandro Cilardo, Antonino Mazzeo, Luigi Romano, and Giacinto P. Sagese. Providing interoperable time stamping services. In *Proceedings of International Conference on Advances in Infrastructure for Electronic Business, Education, Science, Medicine and Mobile Technologies on the Internet, Scuola Superiore Guglielmo Reiss Romoli*, L’Aquila, Italy, July 2003.
- [39] Giuseppe Cattaneo, Alessandro Cilardo, Antonino Mazzeo, Luigi Romano, and Giacinto P. Sagese. Using web services technology for inter-enterprise integration of digital time stamping. In Springer-Verlag, editor, *Proceedings of Workshop on Reliable and Secure Middleware*, volume 2889 of *Lecture Notes in Computer Science*, pages 960–974, Catania, Italy, November 7 2003.

- [40] Giuseppe Cattaneo, Pompeo Faruolo, and Umberto Ferraro Petrillo. A new framework for experimental study of graph algorithms. In *Proceedings of 35th annual Conference of the Italian Operations Research Society*, Lecce, Italy, Settembre 7–10 2004.
- [41] Giuseppe Cattaneo, Pompeo Faruolo, Umberto Ferraro Petrillo, and Giuseppe F. Italiano. Jive: Java interactive software visualization environment. In *Proceedings of IEEE Symposium on Visual Languages and Human-Centric Computing (VL/HCC 2004)*, pages 41–43, Rome, Italy, September 26–29 2004. IEEE Computer Society.
- [42] Giuseppe Cattaneo, Pompeo Faruolo, Umberto Ferraro Petrillo, and Giuseppe Persiano. Providing privacy for web services by anonymous group identification. In *Proceedings of the IEEE International Conference on Web Services (ICWS'04)*, pages 166–173, San Diego, California, USA, June 6–9 2004. IEEE Computer Society.
- [43] Alessandro Cilardo, Antonino Mazzeo, Luigi Romano, Giacinto P. Saggese, and Giuseppe Cattaneo. A web services based architecture for digital time stamping. *Journal of Web Engineering*, 2(3):148–175, 2004.
- [44] Aniello Castiglione, Giuseppe Cattaneo, Alfredo De Santis, Fabio Petagna, and Umberto Ferraro Petrillo. Speech: Secure personal end-to-end communication with handheld. In H. Reimer S. Paulus, N. Pohlmann, editor, *ISSE 2006 Securing Electronic Business Processes*, Lecture Notes in Computer Science, pages 287–297, Rome, Italy, Oct. 10–12 2006.
- [45] Giuseppe Cattaneo, Luigi Catuogno, Fabio Petagna, Gaetano Di Matteo, and Luigi Romano. itoken: awireless smart card reader which provides handhelds with desk top equivalent security. In *Security and Privacy in Communications Networks and the Workshops, 2007. SecureComm 2007. Third International Conference on*, pages 98–106, Sept. 2007.
- [46] Giuseppe Cattaneo, Luigi Catuogno, and Fabio Petagna. An implementation of interoperable security features for a smart card enabled voip softphone. In *Proceedings of Workshop on ICT at 2008 International Conference on Software, Telecommunications and Computer Networks (SoftCOM 2008)*, Split-Dubrovnik (Croatia), Sept. 2008.
- [47] Giuseppe Cattaneo, Alfredo De Santis, and Umberto Ferraro Petrillo. Visualization of cryptographic protocols with grace. *J. Vis. Lang. Comput.*, 19(2):258–290, 2008.
- [48] Aniello Castiglione, Giuseppe Cattaneo, Maurizio Cembalo, Pompeo Faruolo, and Umberto Ferraro Petrillo. A multi-scheme and multi-channel framework for micropayment systems. In Tommaso Di Noia and Francesco Buccafurri, editors, *Proceedings of the 10th International Conference E-Commerce and Web Technologies, EC-Web*, volume 5692 of *Lecture Notes in Computer Science*, pages 62–71, Linz, Austria, September 1–4 2009. Springer.
- [49] Giuseppe Cattaneo, Alfredo De Santis, and Umberto Ferraro Petrillo. Discern: A collaborative visualization system for learning cryptographic protocols. In *Proceedings of the 5th International Conference on Collaborative Computing: Networking, Applications and Worksharing, 2009. CollaborateCom 2009*, pages 1–8, Washington, DC, USA, November 11–14 2009.
- [50] Giuseppe Cattaneo, Pompeo Faruolo, Vincenzo Palazzo, and Ivan Visconti. Proxy smart card systems. In Pierangela Samarati, Michael Tunstall, Joachim Posegga, Konstantinos Markantonakis, and Damien Sauveron, editors, *Proceedings of 4th IFIP WG 11.2 International Workshop, WISTP 2010 - Information Security Theory and Practices. Security and Privacy of Pervasive Systems and Smart Devices*, volume 6033, pages 213–220, Passau, Germany, April 12–14 2010. Springer.

- [51] Giuseppe Cattaneo, Pompeo Faruolo, Umberto Ferraro Petrillo, and Giuseppe F. Italiano. Maintaining dynamic minimum spanning trees: An experimental study. *Discrete Applied Mathematics*, 158(5):404–425, March 2010.
- [52] Alfredo De Santis, Aniello Castiglione, Giuseppe Cattaneo, Maurizio Cembalo, Fabio Petagna, and Umberto Ferraro Petrillo. An extensible framework for efficient secure sms. In Leonard Barolli, Fatos Xhafa, Salvatore Vitabile, and Hui-Huang Hsu, editors, *Proceedings of the Fourth International Conference on Complex, Intelligent and Software Intensive Systems, CISIS 2010*, number 978-0-7695-3967-6, pages 843–850, Krakow, Poland, February 15-18 2010. IEEE Computer Society.