

Pubblicazioni scientifiche

1	2017	<p>Articolo in rivista</p> <p>De Benedetti M, Messina F, PAPPALARDO, Giuseppe, SANTORO, CORRADO (2017). JarvSis: a distributed scheduler for IoT applications. CLUSTER COMPUTING, ISSN: 1386-7857, doi: 10.1007/s10586-017-0836-1</p>
2	2017	<p>Articolo in rivista</p> <p>DE BENEDETTI, MASSIMILIANO MAURIZIO, D'Urso, F., Fortino, G., Messina, F., Pappalardo, G., Santoro, C. (2017). A fault-tolerant self-organizing flocking approach for UAV aerial survey. JOURNAL OF NETWORK AND COMPUTER APPLICATIONS, vol. 96, p. 14-30, ISSN: 1084-8045, doi: 10.1016/j.jnca.2017.08.004</p>
3	2017	<p>Articolo in rivista</p> <p>Fichera L, Messina F, Pappalardo G, Santoro C (2017). A Python framework for programming autonomous robots using a declarative approach. SCIENCE OF COMPUTER PROGRAMMING, vol. 139, p. 36-55, ISSN: 0167-6423, doi: 10.1016/j.scico.2017.01.003</p>
4	2017	<p>Articolo in rivista</p> <p>De Benedetti M, Messina F, Pappalardo G, Santoro C (2017). Web-based Simulations of Multi-agent Systems. SIMULATION, ISSN: 0037-5497, doi: 10.1177/0037549717706198</p>
5	2017	<p>Articolo in rivista</p> <p>Mongiò M, PAPPALARDO, Giuseppe, TRAMONTANA, EMILIANO ALESSIO (2017). Specifying and Identifying Widely Used Crosscutting Concerns. KNOWLEDGE-BASED SYSTEMS, vol. 126, p. 20-32, ISSN: 0950-7051, doi: 10.1016/j.knosys.2017.04.003</p>
6	2016	<p>Articolo in rivista</p> <p>Messina F, Pappalardo G, Santoro C, Rosaci D, Sarne G (2016). A trust-aware, self-organizing system for large-scale federations of utility computing infrastructures. FUTURE GENERATION COMPUTER SYSTEMS, vol. 56, p. 77-94, ISSN: 0167-739X, doi: 10.1016/j.future.2015.07.013</p>
7	2016	<p>Articolo in rivista</p> <p>Napoli C, Pappalardo G, Tramontana E, Zappalà G (2016). A Cloud-Distributed GPU Architecture for Pattern Identification in Segmented Detectors Big-Data Surveys. COMPUTER JOURNAL, vol. 59, p. 338-352, ISSN: 0010-4620, doi: 10.1093/comjnl/bxu147</p>

8	2016	Articolo in rivista Messina F, Pappalardo G, Santoro C, Rosaci D, Sarné G M L (2016). A multi-agent protocol for service level agreement negotiation in cloud federations. INTERNATIONAL JOURNAL OF GRID AND UTILITY COMPUTING, vol. 7, p. 101-112, ISSN: 1741-847X, doi: 10.1504/IJGUC.2016.077488
9	2016	Articolo in rivista Napoli C, Pappalardo G, Tramontana E (2016). A mathematical model for file fragment diffusion and a neural predictor to manage priority queues over BitTorrent. INTERNATIONAL JOURNAL OF APPLIED MATHEMATICS AND COMPUTER SCIENCE, vol. 26, p. 147-160, ISSN: 1641-876X, doi: 10.1515/amcs-2016-0010
10	2016	Articolo in rivista Napoli C, Pappalardo G, Tina M, Tramontana E (2016). Cooperative Strategy for Optimal Management of Smart Grids by Wavelet RNNs and Cloud Computing. IEEE TRANSACTIONS ON NEURAL NETWORKS AND LEARNING SYSTEMS, vol. 27, p. 1672-1685, ISSN: 2162-237X, doi: 10.1109/TNNLS.2015.2480709
11	2016	Contributo in Atti di convegno Comi A, Fotia L, Messina F, Pappalardo G, Santoro C, Rosaci D, Sarne G (2016). A distributed reputation-based framework to support communication resources sharing. In: Intelligent Distributed Computing IX. vol. 616, p. 211-221, Springer Verlag, Guimarães, Portugal, 7th-9th October 2015, doi: 10.1007/978-3-319-25017-5_20
12	2015	Articolo in rivista Giunta R, Messina F, Pappalardo G, Tramontana E (2015). Providing QoS strategies and cloud-integration to web servers by means of aspects. CONCURRENCY AND COMPUTATION, vol. 27, p. 1498-1512, ISSN: 1532-0626, doi: 10.1002/cpe.3031
13	2015	Articolo in rivista FORNAIA, ANDREA FRANCESCO, NAPOLI, CHRISTIAN, PAPPALARDO, Giuseppe, TRAMONTANA, EMILIANO ALESSIO (2015). An AOP-RBPNN approach to infer user interests and mine contents on social media. INTELLIGENZA ARTIFICIALE, vol. 9, p. 209-219, ISSN: 1724-8035, doi: 10.3233/IA-150089
14	2015	Contributo in Atti di convegno Mongiovi M, Giannone G, Fornai A, Pappalardo G, Tramontana E (2015). Combining static and dynamic data flow analysis: a hybrid approach for detecting data leaks in java applications. In: Proceedings of the 30th Annual ACM Symposium on Applied Computing. p. 1573-1579, ACM, Salamanca, Spain, 13-17 April, 2015, doi: 10.1145/2695664.2695887
15	2014	Contributo in Atti di convegno Messina F, Pappalardo G, Rosaci D, Sarne G (2014). A trust-based, Multi-agent architecture supporting inter-cloud vm migration in iaas federations. In: Internet and Distributed Computing Systems. vol. 8729, p. 74-83, Springer Verlag

16	2014	Contributo in Atti di convegno Napoli C, Pappalardo G, Tramontana E, Borowik G, Polap D, Woźniak M (2014). Toward 2D Image Classifier Based on Firefly Algorithm with Simplified Sobel Filter. In: Asia-Pacific Conference on Computer Aided System Engineering (APCASE 2015). p. 185-189, 14-16 July, Quito, Ecuador:IEEE, ISBN: 978-147997588-4, Quito, Ecuador, 14-16 July 2015, doi: 10.1109/APCASE.2015.40
17	2014	Contributo in Atti di convegno Messina F, Pappalardo G, Santoro C, Rosaci D, Sarne G (2014). A trust model for competitive cloud federations. In: Proceedings - 2014 8th International Conference on Complex, Intelligent and Software Intensive Systems, CISIS 2014. p. 469-474, Institute of Electrical and Electronics Engineers Inc., ISBN: 9781479943258, Birmingham, UK, 2-4 Luglio 2014, doi: 10.1109/CISIS.2014.67
18	2014	Contributo in Atti di convegno Messina F, Pappalardo G, Rosaci D, Sarne G (2014). An agent based architecture for VM software tracking in cloud federations. In: Proceedings - 2014 8th International Conference on Complex, Intelligent and Software Intensive Systems, CISIS 2014. p. 463-468, Institute of Electrical and Electronics Engineers Inc., ISBN: 9781479943258, Birmingham, 2-4 luglio 2014
19	2014	Contributo in Atti di convegno Messina F, Pappalardo G, Santoro C (2014). Decentralised resource finding and allocation in cloud federations. In: Proceedings of International Conference on Intelligent Networking and Collaborative Systems. p. 26-33, Institute of Electrical and Electronics Engineers Inc., ISBN: 9781479963867, Salerno, IT, Sept., 2014
20	2014	Contributo in Atti di convegno Messina F, Pappalardo G, Rosaci D, Santoro C, Sarne' G (2014). An Agent Based Negotiation Protocol for Cloud Service Level Agreements. In: 23rd IEEE International Workshop on Enabling Technologies: Infrastructure for Collaborative Enterprises, WETICE 2014. p. 161-166, Los Alamitos, CA:IEEE Computer Society, Parma, Italy, 23-25 June 2014
21	2014	Contributo in Atti di convegno Messina F, Pappalardo G, Santoro C (2014). A Goal-centric Framework for Behaviour Programming in Autonomous Robotic Systems. In: IEEE/ASME International Conference on Mechatronics and Embedded Systems and Applications. Institute of Electrical and Electronics Engineers Inc., ISBN: 9781479922802, Senigallia, Italy, 10- 12 September, doi: 10.1109/MESA.2014.6935576
22	2013	Articolo in rivista Messina Fabrizio, Pappalardo G, Santoro Corrado (2013). Complexsim: a flexible simulation platform for complex systems. INTERNATIONAL JOURNAL OF SIMULATION & PROCESS MODELLING, vol. 8, p. 202-211, ISSN: 1740-2123, doi: 10.1504/IJSPM.2013.059417

23	2013	Contributo in Atti di convegno Messina Fabrizio, Pappalardo G, Rosaci Domenico, Santoro Corrado, Sarné Giuseppe ML (2013). HySoN: A distributed agent-based protocol for group formation in online social networks. In: Multiagent System Technologies. vol. 8076, p. 320-333, Berlin:Springer, ISBN: 978-3-642-40775-8, Koblenz, Sept 16-20, 2013, doi: 10.1007/978-3-642-40776-5_27
24	2012	Contributo in Atti di convegno Messina F, Pappalardo G, Santoro C (2012). ComplexSim: an SMP-aware complex network simulation framework. In: Sixth International Conference on Complex, Intelligent and Software Intensive Systems (CISIS). p. 861-866, IEEE Computer Society, ISBN: 978-1-4673-1233-2, Palermo, 4-6 July 2012, doi: http://doi.ieeeecomputersociety.org/10.1109/CISIS.2012.102
25	2011	Contributo in Atti di convegno Rosario Giunta, Giuseppe Pappalardo, Tramontana E (2011). Aspects and annotations for controlling the roles application classes play for design patterns. In: Proceedings of the 18th Asia-Pacific Software Engineering Conference (APSEC), IEEE. p. 306-314, Los Alamitos, CA:IEEE Computer Society, ISBN: 978-1-4577-2199-1, Ho Chi Minh City, Vietnam, 5-8 December 2011, doi: 10.1109/APSEC.2011.53
26	2010	Contributo in Atti di convegno BANNO' F, MARLETTA D, PAPPALARDO G, TRAMONTANA E. (2010). Tackling Consistency Issues for Runtime Updating Distributed Systems. In: Proceedings of IEEE IPDPS conference. p. 1-8, IEEE, ISBN: 978-1-4244-6533-0, Atlanta, USA, April 19-23, 2010, doi: 10.1109/IPDPSW.2010.5470863
27	2010	Contributo in Atti di convegno R. GIUNTA, PAPPALARDO G, E. TRAMONTANA (2010). Using Aspects and Annotations to Separate Application Code from Design Patterns. In: Proceedings of ACM Symposium on Applied Computing (SAC). p. 2183-2189, ACM, ISBN: 978-1-60558-639-7, Sierre, Switzerland, March 22-26, 2010, doi: 10.1145/1774088.1774548
28	2010	Contributo in Atti di convegno Messina F, Pappalardo G, Santoro C (2010). HYGRA: A decentralized protocol for resource discovery and job allocation in large computational grids. In: Proceedings of IEEE Symposium on Computers and Communications (ISCC2010). IEEE, Riccione, Italy, 22-25 giugno 2010
29	2010	Contributo in Atti di convegno F. BANNO', D. MARLETTA, PAPPALARDO G, E. TRAMONTANA (2010). Handling Consistent Dynamic Updates on Distributed Systems. In: Proceedings of IEEE Symposium on Computers and Communications. IEEE, ISBN: 978-1-4244-7754-8, Riccione, Italy, June 22-25, 2010, doi: 10.1109/ISCC.2010.5546542

30	2008	Articolo in rivista PAPPALARDO G, KOUTNY M, PIETKIEWICZ-KOUTNY M (2008). Compositional abstractions for process networks. IADIS INTERNATIONAL JOURNAL ON COMPUTER SCIENCE AND INFORMATION SYSTEMS, vol. 3, p. 71-85, ISSN: 1646-3692
31	2008	Contributo in Atti di convegno PAOLO GIARRUSSO, GIUSEPPE PAPPALARDO, LUIGI TOSCANO, TRAMONTANA E. (2008). REXMIDAS: A Reflective Middleware for Transparently and Effectively Distributing Objects on a Grid System. In: Proceedings WETICE. p. 204-209, Los Alamitos, CA:IEEE Computer Society, ISBN: 978-0-7695-3315-5, Rome, Italy, 23-25 June, 2008
32	2007	Articolo in rivista Di Stefano A, Pappalardo G, Santoro C, Tramontana E (2007). A framework for the design and automated implementation of communication aspects in multi-agent systems. JOURNAL OF NETWORK AND COMPUTER APPLICATIONS, vol. 30, p. 1136-1152, ISSN: 1084-8045, doi: 10.1016/j.jnca.2006.04.007
33	2007	Articolo in rivista MESSINA F, PAPPALARDO G, TRAMONTANA E (2007). Design and evaluation of a high-level Grid communication infrastructure. CONCURRENCY AND COMPUTATION, vol. 19, p. 1299-1316, ISSN: 1532-0626, doi: 10.1002/cpe.1104
34	2007	Contributo in Atti di convegno KOUTNY M, PAPPALARDO G, PIETKIEWICZ-KOUTNY M (2007). Compositional Abstractions for Interacting Processes. In: Proceedings of the International Multiconference on Computer Science and Information Technology. vol. 2, p. 745-754
35	2006	Articolo in rivista DI STEFANO, Antonella, PAPPALARDO, Giuseppe, SANTORO, CORRADO, TRAMONTANA, EMILIANO ALESSIO (2006). The Transparent Implementation of Agent Communication Contexts. CONCURRENCY AND COMPUTATION, vol. 18, p. 387-407, ISSN: 1532-0626, doi: 10.1002/cpe.945
36	2006	Articolo in rivista DI STEFANO A, G. PAPPALARDO, C. FARGETTA, E. TRAMONTANA (2006). Supporting Resource Reservation and Allocation for Unaware Applications in Grid Systems. CONCURRENCY AND COMPUTATION, vol. 18, p. 851-863, ISSN: 1532-0626, doi: 10.1002/cpe.980
37	2006	Contributo in Atti di convegno KOUTNY M, PAPPALARDO G, PIETKIEWICZ-KOUTNY M (2006). Towards an algebra of abstractions for communicating processes. In: Proceedings of the ICACSD 2006 International Conference on Application of Concurrency to System Design. p. 239-250, doi: 10.1109/ACSD.2006.34

38	2005	Contributo in Atti di convegno MILAZZO M, PAPPALARDO G, TRAMONTANA E, URSINO G, DI STEFANO A. (2005). Handling run-time updates in distributed applications. In: Proceedings of SAC. p. 1375-1380, ISBN: 1-58113-964-0, Santa Fe, New Mexico, USA, 13-17 Marzo 2005
39	2005	Contributo in Atti di convegno DI STEFANO A, FARGETTA M, PAPPALARDO G, TRAMONTANA E (2005). Metrics for Evaluating Concern Separation and Composition. In: Proceedings of ACM SAC. p. 1381-1382, ISBN: 1-58113-964-0, Santa Fe, New Mexico, USA, 13-17 Marzo 2005
40	2004	Articolo in rivista BURTON J, KOUTNY M, PAPPALARDO, Giuseppe (2004). Relating communicating processes with different interfaces. FUNDAMENTA INFORMATICA, vol. 59(1), p. 1-37, ISSN: 0169-2968