

PERSONAL INFORMATION

Beniamino Di Martino



✉ [Redacted email address]



Sex [Redacted] | Date of birth [Redacted] | Nationality [Redacted]

WORK EXPERIENCE

- | | |
|--|---|
| 01/06/05 - present | Professore Ordinario
Università della Campania "Luigi Vanvitelli" (settore disciplinare INGINF/05 - Sistemi per l'Elaborazione dell'Informazione). |
| 01/11/02 – 31/05/05 | Professore Associato
Seconda Università di Napoli (settore disciplinare INGINF/05 - Sistemi per l'Elaborazione dell'Informazione). |
| 26/11/05 – 31/10/02 | Ricercatore Confermato
Seconda Università di Napoli (settore disciplinare INGINF/05 - Sistemi per l'Elaborazione dell'Informazione) |
| 25/11/98 – 25/11/01 | Ricercatore
Seconda Università di Napoli (settore disciplinare INGINF/05 - Sistemi per l'Elaborazione dell'Informazione) |
| 01/06/97 – 31/12/97
01/07/98-30/10/98 | Ricercatore
Institute for Software Technology and Parallel Systems - Univ. of Vienna (Austria) (programma MarieCurie-TMR (Training and Mobility of Researchers)). |
| 01/07/95 – 31/10/96 | Ricercatore
Institute for Software Technology and Parallel Systems - Univ. of Vienna (Austria). |

EDUCATION AND TRAINING

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|---------------------|--|
| Ott 1992 – Feb 1996 | Dottorato di Ricerca (PhD) in "Ingegneria Elettronica ed Informatica"
Università degli Studi di Napoli Federico II |
| Nov 1985 – Feb 1992 | Laurea (Master Degree) in "Fisica" Indirizzo Cibernetico conseguita il 20/02/1992 con voti 110/110 e lode
Università degli Studi di Napoli Federico II |
| 1985 | Diploma di Maturità Scientifica conseguita con 60/60
Liceo Scientifico "F. Severi" Castellamare di Stabia (NA) |

PERSONAL SKILLS

Mother tongue(s) Italian

Other language(s)

UNDERSTANDING	SPEAKING	WRITING

	Listening	Reading	Spoken Interaction	Spoken production	
English	fluent	fluent	fluent	fluent	Fluent
	Replace with name of language certificate. Enter level if known.				
Deutsch	fluent	fluent	fluent	fluent	fluent
	Replace with name of language certificate. Enter level if known.				

Levels: A1/A2: Basic user - B1/B2: Independent user - C1/C2 Proficient user
Common European Framework of Reference for Languages

Organisational / managerial skills

Member of Scientific and Technical Committees

- Executive Board of the IEEE CS Technical Committee on Supercomputing Applications (IEEE-TCSA), 2004.
- Steering Committee of the IEEE CS Technical Committee on Scalable Computing (IEEE-TCSC), 2004-present.
- Vice Chair of the IEEE CS Technical Committee on Scalable Computing (IEEE-TCSC), 2008-2011.
- Member of the IEEE CS Technical Committee on Big Data (IEEE-TCBD), 2015-present.
- Chair of Selection Committee for the IEEE TCSC Award of Excellence in Scalable Computing", 2009-present.
- member of the IEEE Standardization Working Group P3202 on Cloud Interoperability, 2011-present.
- member of the Cloud Standards Customer Council, 2011-present.
- member of the Cloud Computing Experts' Group of European Commission - Internet of Services, Software and Virtualization Unit, 2011-present.
- member of the IEEE Intercloud Testbed Initiative, 2013-present.
- member of the Steering Committee of IDEM (IDentity Management) Italian Federation, 2013-present.
- member of Comitato Tecnico per la predisposizione ed implementazione del Piano Strategico della Società dell' Informazione della Regione Campania", D.G. Giunta Regionale della Campania, 2001 - 2005.

Member of Scientific Associations

- IEEE.
- International Association for Pattern Recognition (IAPR).
- Euromicro.
- Marie Curie Fellowship Association.
- Associazione Italiana Calcolo Automatico (AICA).

Member of Boards

- Membro del Consiglio Direttivo, quale rappresentante della Seconda Università di Napoli, del Consorzio Interuniversitario Nazionale per l' Informatica - CINI (Decreti del Ministro dell' Istruzione, Università e Ricerca: D.M. 5.10.2005, D.M. 29.11.2006, D.M. 14.1.2010, D.M. 11.2.2013), 2005 - presente.
- Delegato del Rettore al Consorzio Nazionale GARR per la gestione della Rete di Ricerca Nazionale (D.R. n. 676 del 7/3/2007), 2007 - presente.
- Membro del Consiglio Consortile, quale rappresentante della Seconda Università di Napoli, del Consorzio Interuniversitario Nazionale per il Calcolo Automatico CINECA (D.R. n. 1072 del 28/11/2014 e n. 1017 del 13/11/2014), 2014 - presente.
- Membro del Consiglio Scientifico, quale rappresentante della Seconda Università di Napoli, del Consorzio Interuniversitario Regionale RIMIC - Rete di Interconnessione Multiservizio Interuniversitaria Campana, 2014 - presente.
- Membro del Consiglio di Amministrazione, quale rappresentante della Seconda Università di Napoli, del Consorzio Interuniversitario Nazionale NETTUNO per l'Università a distanza (L.R. Prot. 19926 del 2/6/2007), 2007 - 2012.
- rappresentante della Seconda Università di Napoli nelle Assemblee dei Soci dei Consorzi Nettuno, CERICT, EFORM, 2003-2014.

Journals' Editor, Member of Editorial Boards

- Associate Editor of IEEE Transactions on Cloud Computing, IEEE, USA, 2013-present.
- Associate Editor of IEEE Magazine on Cloud Computing, IEEE, USA, 2014-present.
- Associate Editor of International Journal of Computational Science and Engineering(IJCSE), InderScience Publishers, NY, USA, 2004-present.
- Associate Editor of International Journal of High Performance Computing and Net-working (IJHPCN), InderScience Publishers, NY, USA, 2003-present.
- Regional Editor of International Journal of Big Data Intelligence (IJBDI), InderScience Publishers, NY, USA, 2014-present.
- Associate Editor of Journal of Ubiquitous Computing and Intelligence (JUCI), American Scientific Publishers, USA, 2005-present.
- Member of Editorial Board of Journal of Cloud Computing (JoCCASA), Springer,Berlin, 2013-present.
- Member of Editorial Board of Journal of Mobile Multimedia (JMM), RintonPress,2014-present.
- Member of Editorial Board of International Journal of Grid and High PerformanceComputing (IJGHPC), IGI Global Publisher, NY, USA, 2014-present.
- Member of Editorial Board of International Journal of Grid and Utility Computing(IJGUC), InderScience Publishers, NY, USA, 2010-present.
- Member of Editorial Board of Multiagent and Grid Systems International Journal,IOS Press, USA, 2005-present.
- Member of Editorial Board of International Journal of Security and Its Applications (ISIA), SERSC Publishers, ISSN:1738-9976, 2010-present.
- Member of Editorial Board of Scientific Programming, Hindawi Publishing Corporation, 2014-present.
- Member of Editorial Board (chair of the Information Science panel) of Annals of Scientific Research, journal of the Marie Curie Fellowship Association, 2000-2005.
- Correspondant, Journal of Systems and Architecture, Elsevier, 1998-2001.
- Guest Editor, with Hans Zima, New trends in programming and execution models for parallel architectures, heterogeneously distributed systems and mobile computing, special issue of Journal of Systems Architecture, Elsevier, vol. 45, n. 15, September 1999 (ISSN 1383-7621).
- Guest Editor, with Antonino Mazzeo, Techniques and Tools for Parallel and Distributed Program Analysis, Development and Run-Time Support, special issue of The Journal of Supercomputing, Kluwer, vol. 17, n. 3, Nov. 2000.
- Associated Guest Editor, Hardware/Software Support for High Performance Scientific and Engineering Computing, special issue of IEICE Transactions on Information and Systems. IEICE (Institute of Electronics, Information and Communication Engineers) Press, Vol. E87-D, n. 7, July 2004.
- Guest Editor, with Dieter Kranzlmler and Jack Dongarra "Special Issue on Selected Papers from the EuroPVM/MPI 2007 Conference", International Journal of High Performance Computing Applications (IJHPCA), Sage Publications, Vol. 21, Number 2, London, United Kingdom, ISSN 1094-3420, Summer 2007.
- Guest Editor, with Dieter Kranzlmler and Jack Dongarra "Special Section: Grid Computing and the Message Passing Interface", Future Generation Computer Systems, Vol. 24, Number 2, February 2008.
- Guest Editor, with Salvatore Venticinquè, "Special Issue on Web/Grid Information and Services Discovery and Management", International Journal of Web and Grid Services (IJWGS) Inderscience, vol. 4 n. 4, 2008, ISSN: 1741-1106.
- Guest Editor, with Francesco Moscato, "Special Issue on Semantic Web and Semantic Information Management", International Journal of Web and Grid Services (IJWGS) Inderscience, vol. 4 n. 3, 2008, ISSN: 1741-1106.
- Guest Editor, with Eduard Mehofer, Markus Schordan, Dan Quinlan "Special Issue on GPUs and Accelerators for Scientific Applications", International Journal of Computational Science and Engineering(IJCSE), Inderscience.
- Guest Editor, with Flora Amato, \Special Issue: Big Data, Semantics and the Cloud", International Journal of Big Data Intelligence (IJBDI), Inderscience, vol. 2 n. 2, 2015

Evaluation, Monitoring, Reviewing Activity

- Chair of Nomination Committee for the IEEE TCSC Award of Excellence in Scalable Computing", 2012-present
- Member of Nomination Committee for 2009 IEEE TCSC Medal for Excellence in Scalable Computing", 2009.
- Project Evaluator of European Commission; calls:
call 2 FP7-ICT-PSP (ICT Policy Support Programme), Sept. 2008.
call 4 FP7-ICT-2009.3.6 (Computing Systems), May 2009.
call FP7-INFRA-2010-1.2.2 (Infrastructure - Simulation software and services), Jan-Feb 2010.
call 7 FP7-ICT-2011.5.6 (ICT solutions for governance and policy modelling Feb.-Mar. 2011.
call 10 FP7-ICT-2013.1.5 (Trustworthy ICT), Feb.-Mar. 2013.
call H2020-EINFRA-2015-1, Feb.-Mar. 2015.
call H2020-EINFRA11-INFRA-SUPP8-2016, Mar. 2016.
- Project Evaluator of European Research Council; call Advanced Research Grants"2012.
- Project Reviewer of European Commission: FP7 ICT STREP Project "Encore", 2011 - 2013.
- Project Reviewer of European Commission: FP7 e-Infrastructure CSA Project "Scalalife", 2011 - 2013.
- Project Reviewer of European Commission: FP7 ICT-PSP Project "MobiCloud", 2014-2015.
- Project Reviewer of European Commission: FP7 ICT Project "CoherentPaaS", 2015-2016.
- Project Reviewer of European Commission: FP7 FET Project "PARADIME", 2015.
- Project Reviewer of European Commission: FP7 FET Project "SCORPIO", 2016.
- Project Evaluator, Luxembourg National Research Fund (FNR) (Fonds National de la Recherche), Research Ministry of Luxembourg, 2010.
- Project Evaluator, Fund for Scientific Research (FWO), Research Ministry of Belgium, 2006.
- Project Evaluator, Chilean Economic Development Agency (CORFO), Call Attraction of International R&D Excellence Centers for Competitiveness", 2013.
- Project Evaluator, Portuguese Foundation for Science and Technology, Call for National Research Infrastructures, 2013.
- Project Evaluator, Competitive Call of the EC Flagship Project "Human Brain Project", 2013.
- Project Evaluator, Italian Ministry for Economic Development (Ministero dello Sviluppo Economico), 2010 – present: F.I.T. - Legge 46/82.; F.I.T. - Legge 46/82 - Bando Start-Up; FCS – Fondo Crescita Sostenibile – 2015; FCS – Fondo Crescita Sostenibile – Bando "H2020" – 2016-2017.
- Project Evaluator, Italian Ministry for University and Research (Ministero dell' Università e della Ricerca), 2010 – present: P.O.N. ; P.R.I.N.; F.I.R.B.; Joint Undertaking con EC.
- Project Evaluator, Regione Piemonte - progetti di Ricerca Industriale e Sviluppo Sperimentale presentati da grandi Gruppi Industriali 2009.
- Project Reviewer, Regione Toscana, Bandi POR, 2014-2015.
- Project Reviewer, Regione Calabria - Bandi P.I.A. - 2011-2016
- Project Reviewer, Regione Puglia - Bandi P.I.A – 2015-2016.
- Project Reviewer, Regione Lazio - FILAS, 2012-2013.
- Project Reviewer, Regione Sardegna – "Sulcis", 2016.
- Membro della Commissione per il Concorso Pubblico a posti di vice assistente in ruolo della Commissione per le Società e la Borsa – CONSOB – 2015-2016.
- Membro della Commissione per la Valutazione delle proposte progettuali per il Sistema Informativo della Provincia di Caserta, 2013-2014.
- Membro della Commissione per la Valutazione delle proposte progettuali per l'affidamento della fornitura di servizi di anagrafe, tributi, GIS, SIT e SUAP, di software e di infrastruttura di rete del Centro Servizi Territoriale per lo Sviluppo dell'Amministrazione Elettronica e della Società dell'informazione e della Conoscenza nella provincia di Caserta, 2012.
- Membro della Commissione per la Valutazione delle proposte progettuali per il Riuso degli applicativi informatici e di e-government di proprietà dell' Ente Regione Campania e Realizzazione del Sistema Informativo Comunale Associato dell'Area Nolana, Agenzia Locale di Sviluppo dei Comuni dell' Area Nolana, 2007.
- Membro della Commissione per l'affidamento del servizio triennale sostitutivo di mensa, a mezzo di buoni pasto magnetici od elettronici dell' A.D.I.S.U. (Azienda per il Diritto allo Studio Universitario) di Caserta, 2007.
- Presidente della Commissione di Valutazione per l' Avviso Pubblico per la realizzazione di Centri di Accesso Pubblici a Servizi Digitali Avanzati, D.D. AGC Ricerca Scientifica della Giunta Regionale della Campania n. 47/2006, mar. 2006.
- Presidente della Commissione di Monitoraggio dei lavori per la Progettazione e Realizzazione del Portale del Lavoro e dell' Osservatorio sul Mercato del Lavoro, Agenzia Regionale del Lavoro (ARLAV) della Regione Campania, 2003-2004.
- Membro della Commissione di Monitoraggio dei lavori per la Realizzazione del Portale per i Beni e le Attività Culturali della Regione Campania realizzato dalla RAI, D.D. AGC Ricerca Scientifica della Giunta Regionale della Campania n. 54/2004, mar. 2004 - mar. 2005.
- Membro della Commissione di Consultazione per la stesura del progetto esecutivo per la realizzazione del Sistema Organizzativo e Tecnologico denominato Rete Integrata delle Biblioteche Digitali nella Regione Campania, D.D. AGC Ricerca Scientifica della Giunta Regionale della Campania n. 8/2002, dic. 2002 - apr. 2004.
- Membro della Commissione giudicatrice della gara per la fornitura di un Sistema Informativo Distribuito per la gestione delle Borse di Studio dell' E.D.I.S.U. (Ente per il Diritto allo Studio Universitario) di Caserta, 2001.

Projects

• International projects

1. European (EC-H2020) ICT-BIGDATA Project "Toreador". WorkPackage Leader. 2016-2018.
<http://www.toreador-project.eu/>
2. European (EC-H2020) MG-MobilityForGrowth Project "GreenCharge". WorkPackage Leader. 2018-2021.
3. European (EC-FP7) ICT STREP Project "CoSSMic - Collaborating Smart Solar-powered Micro-grids". Research Unit Responsible. 2013 - 2017. Project number: 608806 - Call: FP7-SMARTCITIES-2013 Objective ICT2013.6.4.
4. European (EC-FP7) ICT STREP Project "mOSAIC - Open-Source API and Platform for Multiple Clouds". Project Coordinator. 2010 - 2013. Project number: 256910 - Call: FP7-ICT-2009-5 Objective ICT-2009.1.2. Site: <http://www.mosaiccloud.eu>
5. European (EC-FP7) JU-ARTEMIS Project "CRYSTAL - Critical System Engineering Acceleration". Research Unit Responsible. 2013 - present. Project number: 332830 - Call: ARTEMIS-2012-1.
6. European (FP5) IST Working group "APART"; scientific responsible of research unit Dipartimento di Ingegneria dell' Informazione - Second University of Naples. 2003 - 2007.
7. European (FP5) Thematic Network "OntoWEB - Ontology-based Information Exchange for knowledge management and electronic commerce"; scientific responsible of research unit Dipartimento di Ingegneria dell' Informazione - Second University of Naples. 2003 - 2007.
8. European COST Action IC0804 Energy-Efficiency In Large Scale Distributed Systems; scientific responsible of research unit Dipartimento di Ingegneria dell' Informazione - Second University of Naples. 2009 - 2013.
9. European ESPRIT Project PPPE - A Portable Parallel Programming Environment, funded by EU 4th framework ESPRIT Programme; member of research unit Institute for Software Technology and Parallel Systems - Univ. of Vienna. 1995-1996.
10. European (EC-FP5) ESPRIT Project HPF+ Optimizing HPF for Advanced Applications, funded by EU 4th framework ESPRIT Programme; member of research unit Institute for Software Technology and Parallel Systems - Univ. of Vienna. 1997-1998.
11. European CEI-PACT - Central European Initiative on Parallel Computation Project; member of research unit Institute for Software Technology and Parallel Systems - Univ. of Vienna (Austria). 1994-1996.
12. European TMR Project Development of Automatic Program Comprehension Techniques for Integration Into Parallel Compiler Technology, funded by EU 4th framework TMR (Training and Mobility of Researchers) Programme; project proposer and grant holder. 1997-1998.
13. Austrian SFB - Spezial Forschungs Berelch (relevant national interest) Project Aurora - Advanced Models, Applications and Software Systems for High Performance Computing funded by FWF - Foerderung der Wissenschaftlichen Forschung (Austrian Science Fund); member of research unit Institute for Software Technology and Parallel Systems - Univ. of Vienna. 1997-1998.
14. Austrian FWF Project High Level Programming Support for Parallel Systems, funded by FWF - Foerderung der Wissenschaftlichen Forschung (Austrian Science Fund); member of research unit Institute for Software Technology and Parallel Systems - Univ. of Vienna. 1995-1996.

• National Projects:

1. Italian MUR (Ministry for University and Research) PRIN - Progetto di rilevante interesse nazionale (relevant national interest) Project Cloud@Home; responsible of research unit Dip. Ingegneria dell' Informazione della Seconda Universita' di Napoli. 2010-present.
2. Italian MUR (Ministry for University and Research) FAR Project LC3 - Laboratorio pubblico-privato di ricerca sul tema della Comunicazione delle Conoscenze Culturali, scientific responsible of Second University of Naples. 2006-present.
3. Italian CNR Project ALCOR - Riconoscimento Automatico di Concetti Algoritmici per il Supporto alla Compilazione Parallelizzante, funded by CNR (National Research Council), Agenzia2000 Programme (Progetto Giovani Ricercatori subprogramme); scientific responsible of the project. 2001-2003.
4. Italian MUR (Ministry for University and Research) PRIN - Progetto di rilevante interesse nazionale (relevant national interest) Project MOSAICO progettazione e valutazione di applicazioni di telecollaborazione e telecontrollo per sistemi multimediali; member of research unit Dip. Ingegneria dell' Informazione della Seconda Universita' di Napoli. 1998-1999.
5. Italian MUR (Ministry for University and Research) PRIN - Progetto di rilevante interesse nazionale (relevant national interest) Project ISIDE - Sistemi di elaborazione reattivi ed affidabili per applicazioni industriali; member of research unit Dip. Ingegneria dell' Informazione della Seconda Universita' di Napoli. 2001-2002.
6. Italian CNR Project Progetto Finalizzato Sistemi Informatici e Calcolo Parallelo, funded by CNR (National Research Council); member of research unit Dip. di Informatica e Sistemistica dell' Universita' di Napoli. 1993-1995.
7. Associazione EURATOM-ENEA sulla Fusione, member of Research Unit of Consorzio CREATE, scientific responsible of Research Activity "High performance computing technology for parallel plasma simulation". 2002-present.
8. Project supported by Regione Campania (Campania Regional Government Legge 5 funds) MAGDA: Una Piattaforma ad Agenti Mobili per il Grid Computing - Project Scientific responsible. 2007 - 2010.
9. "Regional Competence Center on Information and Communication Technologies", supported by Regione Campania (Campania Regional Government), POR 2000/2006 programme; scientific responsible of WorkPackage 7: "Sistemi basati su agenti mobili per la gestione di terminali eterogenei operanti in rete"; member of research unit Dip. Ingegneria dell' Informazione della Seconda Universita' di Napoli. 2002-2006.
10. Project "SMART ISDN", supported by Regione Campania (Campania Regional Government), L.41/96 Programme; member of research unit Dip. Ingegneria dell' Informazione della Seconda Universita' di Napoli. 1998-2003.

Selected Publications

International and National Books

- [1] Beniamino Di Martino, Li, K.-C., Yang, L.T., Esposito, A. "Internet of Everything - Algorithms, Methodologies, Technologies and Perspectives", Springer, Heidelberg, 2018. ISBN 978-981-10-5861-5.
- [2] Pop, Florin, Kolodziej, Joanna, Di Martino, Beniamino, "Resource Management for Big Data Platforms - Algorithms, Modelling, and High-Performance Computing Techniques", Springer, Heidelberg, 2016. ISBN 978-3-319-44881-7
- [3] Beniamino Di Martino, Giuseppina Cretella, Antonio Esposito, Cloud Portability and Interoperability - issues and current trends, Springer Briefs in Computer Science, Springer, Heidelberg, 2015. ISBN 978-3-319-13700-1
- [4] Leonardo Caporalello, Beniamino Di Martino, Marcello Martinez, Smart Organizations and Smart Artifacts, Lecture Notes in Information Systems and Organization, Vol. 7, Springer, Heidelberg, 2014. ISBN 978-3-319-07039-1.
- [5] Joanna Koodziej, Beniamino Di Martino, Domenico Talia, Kaiqi Xiong (Eds.) Algorithms and Architectures for Parallel Processing, Lecture Notes in Computer Science, n. 8285, Springer, Heidelberg, 2013. ISBN 978-3-319-03858-2.
- [6] Michael Alexander, Pasqua D'Ambra, Adam Belloun, George Bosilca, Mario Cannataro, Marco Danelutto, Beniamino Di Martino, Michael Gerndt, Emmanuel Jeannot, Raymond Namyst, Jean Roman, Stephen L. Scott, Jesper Larsson Tra, Geoffroy Vallee, Josef Weidendorfer (Eds.), Euro-Par 2011 Workshops, Lecture Notes in Computer Science, n. 7155 and 7156, Springer, Heidelberg, 2012. (ISBN 978-3-642-29739-7). DOI: 10.1007/978-3-642-29740-3 and DOI: 10.1007/978-3-642-29737-3.
- [7] M. Alexander, M. Cannataro, M. Danelutto, B. Di Martino, A. Hast, M. Guarracino, A. Knupfer, F. Perla, J. L. Trae, F. Vivien (Eds.), Euro-Par 2010 Parallel Processing Workshops, Lecture Notes in Computer Science, n. 6586, Springer, Berlin Heidelberg NewYork, 2011, (ISBN 978-3-642-21877-4, DOI 10.1007/978-3-642-21878-1).
- [8] G. Civitillo, B. Di Martino, F. Moscato, S. Selvaggi, V. Sica, G. Sicignano, eLearning: modelli e tecnologie, pp. 105, McGraw-Hill, 2008. ISBN: 978-88-386-6606-3.
- [9] Beniamino Di Martino, Jack Dongarra, Adolfo Holsie, Laurence Yang and Hans Zima (Eds.), Engineering the Grid: Status and Perspective, American Scientific Publishers (USA), Feb. 2006 (ISBN 1-58883-038-1).
- [10] Minyi Guo, Laurence T. Yang, Beniamino Di Martino, Hans P. Zima, Jack Dongarra, Feilong Tang (Eds.), Parallel and Distributed Processing and Applications, Lecture Notes in Computer Science, n. 4330, Springer, Berlin Heidelberg NewYork, 2006, (ISBN 978-3-540-68067-3).
- [11] Geyong Min, Beniamino Di Martino, Laurence T. Yang, Minyi Guo, Gudula Ruenger (Eds.), Frontiers of High Performance Computing and Networking, Lecture Notes in Computer Science, n. 4331, Springer, Berlin Heidelberg NewYork, 2006, (ISBN 978-3-540-49860-5).
- [12] Di Martino, Dieter Kranzmueller, Jack Dongarra (Eds.), Recent Advances in Parallel Virtual Machine and Message Passing Interface, Lecture Notes in Computer Science n. 3666, pp. 546, Springer, Berlin-Heidelberg, 2005 (ISBN 3-540-29009-5).
- [13] Laurence T. Yang, Omer F. Rana, Beniamino Di Martino, Jack Dongarra (Eds.), High Performance Computing and Communications, Lecture Notes in Computer Science n. 3726, pp. 1116, Springer, Berlin-Heidelberg, 2005 (ISBN 3-540-29031-1).

International Journals

- [1] Alba Amato, Beniamino Di Martino, Marco Scialdone, and Salvatore Venticinquè. Adaptive recommendation to dynamically changing profiles for delivery of ubiquitous services. *International Journal of Computer Science and Engineering (IJCSE)*, 2016. Article in Press.
- [2] A. Amato, B. Di Martino, M. Scialdone, and S. Venticinquè. Design and evaluation of p2p overlays for energy negotiation in smart micro-grid. *Computer Standards and Interfaces*, 44:159–168, 2016.
- [3] A. Amato, B. Di Martino, M. Scialdone, and S. Venticinquè. Distributed architecture for agents-based energy negotiation in solar powered microgrids. *Concurrency Computation*, 28:1275–1290, 2016.
- [4] B. Di Martino, G. Cretella, and A. Esposito. Cloud services composition through cloud patterns: a semantic-based approach. *Soft Computing*, pages 1–14, 2016.
- [5] B. Di Martino and A. Esposito. A rule-based procedure for automatic recognition of design patterns in uml diagrams. *Software - Practice and Experience*, 46(7):983–1007, 2016.
- [6] G. Cretella and B. Di Martino. A semantic engine for porting applications to the cloud and among clouds. *Software - Practice and Experience*, 45(12):1619–1637, 2015.
- [7] A. Amato, B. Di Martino, and S. Venticinquè. A distributed cloud brokering service. *Informatica*, 26(1):1–15, 2015.
- [8] B. Di Martino, G. Cretella, A. Esposito, and G. Carta. An owl ontology to support cloud portability and interoperability. *International Journal of Web and Grid Services*, 11(3):303–326, 2015.
- [9] B. Di Martino and A. Esposito. Automatic dynamic data structures recognition to support the migration of applications to the cloud. *International Journal of Grid and High Performance Computing*, 7(3):1–22, 2015.
- [10] A. Amato, B. Di Martino, M. Scialdone, and S. Venticinquè. Multi-agent negotiation of decentralized energy production in smart micro-grid. *Studies in Computational Intelligence*, 570:155–160, 2015.
- [11] B. Di Martino, G. Cretella, and A. Esposito. Towards a legislation-aware cloud computing framework. volume 68, pages 127–135, 2015.
- [12] M. Ficco, B. Di Martino, R. Pietrantuono, and S. Russo. Optimized task allocation on private cloud for hybrid simulation of large-scale critical systems. *Future Generation Computer Systems*, 2015.
- [13] B. Di Martino, G. Cretella, and A. Esposito. Advances in applications portability and services interoperability among multiple clouds. *IEEE Cloud Computing*, 2(2):22–28, 2015.
- [14] A. Amato, S. Venticinquè, and B. Di Martino. A distributed and scalable solution for applying semantic techniques to big data. *International Journal of Mobile Computing and Multimedia Communications (IJMCMC)*, 6(2):50–67, 2014.
- [15] B. Di Martino, S. Venticinquè, D. Kyriazis, and S.V. Gogouvitis. A comparison of two different approaches to cloud monitoring. *Studies in Computational Intelligence*, 495:69–91, 2014.
- [16] Pasquale Cantiello and Beniamino Di Martino, "Software porting support with component-based and language neutral source code analysis", *International Journal of Computer Science and Engineering (IJCSE)*, Inderscience, vol. 9 n. 3, pp. 222-234, 2014.
- [17] Beniamino Di Martino, Giuseppina Cretella, Antonio Esposito, "An Overview of Cloud Computing PaaS Offers and Cloud Patterns", *Mondo Digitale*, vol. 13 n. 49, 2014. ISSN 1720-898X
- [18] Beniamino Di Martino, "Applications Portability and Services Interoperability among Multiple Clouds", *IEEE Cloud Computing*, vol. 1 n. 1, pp. 74-77, May 2014. ISSN: 2325-6095/14.
- [19] Beniamino Di Martino, Rocco Aversa, Giuseppina Cretella, Antonio Esposito, Joanna Kolodziej, "Big Data (lost) in the Cloud", *International Journal of Big Data Intelligence (IJBIDI)*, Inderscience, vol. 1 n. 1/2, pp. 3-17, 2014.
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