

**Europass  
Curriculum Vitae**



**Personal information**

First name(s) / Surname(s) **Massimo Villari**  
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E-mail [mvillari@unime.it](mailto:mvillari@unime.it)  
Nationality Italian  
Date of birth May 26, 1972  
Gender Male

**Desired employment /  
Occupational field** **Associate Professor, University of Messina - Italy**

**Work experience**

Dates November 2014 onwards  
Occupation or position held Associate Professor  
Main activities and responsibilities ICT Research and Teacher on Security Courses on Engineering and Computer Science.  
Teaching of courses:  
- **Basic Computer**  
- **Object Oriented Programming**  
- **Database**  
- **Security in Distributed Systems**  
- **Advanced Algorithms**  
Name and address of employer University of Messina – Italy

Dates July 2016 Onwards  
Occupation or position held Scientific Responsible  
Main activities and responsibilities Design of a Cloud Architecture for managing Workflows and Tele Medicine for Remote Patience Control, in eHealth scenarios.

Name and address of employer	ICT – for eHealth: Cloud Computing for Workflows and Tele Medicine
Type of business or sector	IRCCS
Name and address of employer	University of Messina – IRCCS Italy
Dates	February 2015 November 2016
Occupation or position held	System Architect
Main activities and responsibilities	Design of a Federated Cloud Architecture in Networking for BEACON Project; Coordination of UniME Activities
Name and address of employer	BEACON Project, ICT - Cloud Computing, IaaS: networking in federation
Type of business or sector	European Project H2020: Large
Dates	March 2015 Onwards
Occupation or position held	System Architect
Main activities and responsibilities	Design of the Cloud Service Brokerage and Storage Architectures for Cloud for Europe (C4E) Project; Coordination of UniME Activities
Name and address of employer	C4E Project, ICT - Cloud Computing, IaaS, Cloud Service Brokerage: computational storage.
Dates	July 2014 October 2016
Occupation or position held	Cloud Support: Cooperation and Support Action (CSA)
Main activities and responsibilities	ICT Consultant on Cloud Computing in the context of FIWARE for frontierCities FIWARE Accelerator.
Name and address of employer	University of Messina – Italy
Type of business or sector	European Project FP7: CSA
Dates	November 2013 - February 2015
Occupation or position held	System Architect
Main activities and responsibilities	Design of a DevOps Cloud Architecture for CloudWave Project; Coordination of UniME Activities
Name and address of employer	BEACON Project, ICT - Cloud Computing, IaaS: Dev Ops infrastructure.
Type of business or sector	European Project FP7: IP

Dates	October 2010 October 2014
Occupation or position held	System Architect
Main activities and responsibilities	Design of a Cloud Storage Architecture for VISION-CLOUD Project; Coordination of UniME Activities
Name and address of employer	VISION-CLOUD Project, ICT - Cloud Computing, IaaS : computational storage
Type of business or sector	European Project FP7: IP
Dates	January 2006 –October 2014
Occupation or position held	Aggregate Professor
Main activities and responsibilities	Teaching of courses: <ul style="list-style-type: none"> <li>- <b>Basic Computer</b></li> <li>- <b>Object Oriented Programming</b></li> <li>- <b>Database</b></li> <li>- <b>Security in Distributed Systems</b></li> <li>- <b>Advanced Algorithms</b></li> </ul>
Name and address of employer	Faculties of Engineering, Economics and Medicine, University of Messina Messina, Italy
Type of business or sector	Italian Public University
Dates	2002
Occupation or position held	Internship
Main activities and responsibilities	Software Engineering: <ul style="list-style-type: none"> <li>- Development of new video streaming technologies MP4 based, on IP wired and wireless infrastructures; MPEG4IP project</li> <li>- Network Mobility on IPv6: Mobile Routers; NEMO project.</li> </ul>
Name and address of employer	Cisco Systems, Sophia Antipolis - France
Type of business or sector	United States ICT Company, World Wide Leader in Networking
Dates	2000 - 2001
Occupation or position held	Researcher / Independent Consultant
Main activities and responsibilities	Design of an architecture for the inter-cooperation among Mobile Agents and Digital Still Cameras.
Name and address of employer	STMicroelectronics Catania Site - Italy
Type of business or sector	European Electronic Devices Manufacturer

## Education and training

Dates 1999/00 – 2001/00  
 Title of qualification awarded PhD on *Advance Technologies for Information Engineering*  
 Principal subjects/occupational skills covered Thesis Title:  
*Mobile IP: Support for Mobile Networks in tree hierarchy architecture.*  
 Name and type of organisation providing education and training Faculty of Engineering, University of Messina  
 Messina, Italy  
 Level in national or international classification ISCED 6

Dates 2001 – 2003  
 Title of qualification awarded University expert on the subject of Distributed Systems  
 Principal subjects/occupational skills covered Academic Tutoring and Research in the ICT area  
 Name and type of organisation providing education and training Faculty of Engineering, University of Messina  
 Messina, Italy  
 Level in national or international classification NC

Dates 1992/93 – 1998/99  
 Title of qualification awarded Master Degree of Electronic Engineering  
 Principal subjects/occupational skills covered Thesis Title:  
*Techniques of Real Time Computer Vision for Gesture Recognition*  
 (Real-Time image analysis for extrapolation of information)  
 Name and type of organisation providing education and training Faculty of Engineering, University of Messina  
 Messina, Italy  
 Level in national or international classification ISCED 5

Dates 1992  
 Title of qualification awarded Industrial Engineer  
 Principal subjects/occupational skills covered Studies on Engineering Topics  
 Name and type of organisation providing education and training ITIS Verona Trento, Public Technical Institute  
 Level in national or international classification ISCED 4

**Personal skills and competences**

Mother tongue(s) **Italian**

Other language(s)

Self-assessment

Understanding	Speaking	Writing
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European level (*)		Listening		Reading		Spoken interaction		Spoken production		
<b>English</b>	C1	Proficient User	C2	Proficient User	B2	Independent User	C1	Proficient User	C1	Proficient User
<b>French</b>	A2	Basic User	A2	Basic User	A2	Basic User	A1	Basic User	A1	Basic User

(\*) [Common European Framework of Reference for Languages](#)

Social skills and competences	<ul style="list-style-type: none"> <li>- Problem-solving attitude</li> <li>- Strong referential values of fairness, equity and dignity</li> <li>- Responsibility, Self-respect and self-reliance</li> <li>- Ability to establish and maintain good working relations with people of different national and cultural backgrounds</li> </ul>
Organisational skills and competences	Replace this text by a description of these competences and indicate where they were acquired. (Remove if not relevant, see instructions)
Technical skills and competences	<ul style="list-style-type: none"> <li>- Analytical skills helping to analyze a situation and coming forward with a logical solution.</li> <li>- Communications skills helping understand and put forward your point to the other.</li> <li>- Problem solving skills enabling to not get overwhelmed and solve the problem systematically.</li> <li>- Decision making skills enabling to make tough decisions at the need</li> </ul>
Computer skills and competences	Competent with: <ul style="list-style-type: none"> <li>- Operative Systems: Windows, Linux, Mac</li> <li>- Networking and Software Architecture Definition for Distributed Systems</li> <li>- Applicative Software: Suite Office, Autocad, Computer Graphic Software, Relational Database design.</li> <li>- Programming Languages: Java, C/C++, Python, Perl, PHP, Bash Script</li> <li>- Design of Advanced Security Systems in Distributed Systems.</li> </ul>
Artistic skills and competences	Estimator and studier of Antonello da Messina Renaissance Painter (1430-1479). Discovered a place in Messina where he made a masterpiece, more of 500 years ago. PUBLICATION: Massimo Villari and Gianfranco Villari The Antwerp Crucifixion of Antonello da Messina the place of his inspiration in Camaro Electronic Imaging <del>at</del> the Visual Arts, EVA 2011 Florence, 4 – 6 May 2011
Other skills and competences	Habilitation for the engineering profession. Registration on Engineers Order Register of Messina, Messina 14/06/1999.
Driving licence	A and B.

## Additional information

Since 2011: Fellow of IARIA, recognized as a Cloud computing expert.

**In 2014 recognized by an independent assessment (IEEE Cloud Computing Transaction, Issue April 2014) as a world-wide scientific researcher, top 27 classification, in the Cloud computing area.**

2008 onwards IEEE Society member, number 90368633.

### PATENTS:

-European Patent: "A new network approach to the Image Generation for DSC" Inventors: Antonino Arena, Mirko Guarnera, Massimo Mancuso, Antonio Puliafito, Massimo Villari. May 2001.

-USA Patent: "Correspondent Router" Inventors: Pascal Thubert, Marco Molteni, Massimo Villari, Erick Levy Albegnoli. September 2002

-USA Patent: "Route Server implementation using BGP" Inventors: Pascal Thubert, Marco Molteni, Massimo Villari, Erick Levy Albegnoli. November 2002

-USA Patent: "Route Server implementation using DNS" (Domain Name System) Inventors: Pascal Thubert, Marco Molteni, Massimo Villari, Erick Levy Albegnoli. November 2002.

## Publications

**Total: 151; Journals: 40; Conference Proceedings: 101; Book Chapters: 9; Books: 1; Miscellaneous: 0;**

### 2016

1. A. Celesti; M. Fazio; F. Celesti; G. Sannino; S. Campo; M. Villari , [New trends in Biotechnology: The point on NGS Cloud computing solutions](#) , 2016 IEEE Symposium on Computers and Communication (ISCC) , pages 267-270 , 2016 , [BibTex](#) , [RTF](#) , Conference Proceedings
- 2.
3. M. Villari; A. Celesti; M. Giacobbe; M. Fazio , [Enriched E-R model to design hybrid database for big data solutions](#) , 2016 IEEE Symposium on Computers and Communication (ISCC) , pages 163-166 , 2016 , [BibTex](#) , [RTF](#) , Conference Proceedings
4. M. Giacobbe; A. Celesti; M. Fazio; M. Villari; A. Puliafito , [Re-Powering Service Provisioning Through Virtual Machine Migration in Federated Cloud Environments: An Algorithm Combining Energy Sustainability and Cost-Saving Strategies](#) , The 4th International Workshop on CLOUD for IoT (CLIoT 2016) , Vienna, Austria , 2016 , [BibTex](#) , [RTF](#) , Conference Proceedings
5. M. Villari; A. Al-Anbuky; A. Celesti; K. Moessner , [Leveraging the Internet of Things: Integration of Sensors and Cloud Computing Systems](#) , International Journal of Distributed Sensor Networks , ISSN Number: 1550-1477 , Number: 7 , Volume: 12 , 2016 , [BibTex](#) , [RTF](#) , Journal Article

6. D. Mulfari; A. Celesti; M. Fazio; M. Villari; A. Puliafito , [Using Google Cloud Vision in Assistive Technology Scenarios](#) , IEEE Workshop on ICT solutions for eHealth 2016 (ICTS4eHealth2016) ,Messina, Italy , 2016 , [BibTex](#) , [RTF](#) , Conference Proceedings
7. A. Celesti; D. Mulfari; M. Fazio; M. Villari; A. Puliafito , [Improving Desktop as a Service in OpenStack](#) , The 21st IEEE Symposium on Computers and Communications (ISCC'16) , IEEE Computer Society , Washington, DC , 2016 , [BibTex](#) , [RTF](#) , Conference Proceedings
8. A. Celesti; D. Mulfari; M. Fazio; M. Villari; A. Puliafito , [Exploring Container Virtualization in IoT Clouds](#) , 2016 International Conference on Smart Computing Workshops (SMARTCOMP Workshops) , ISSN Number: 978-1-5090-0898-8 , pages 1-6 , IEEE Computer Society , May 18, 2016 – St. Louis, Missouri , 2016 , [BibTex](#) , [RTF](#) , Conference Proceedings
9. A. Celesti; M. Fazio; A. Romano; M. Villari , [A Hospital Cloud-Based Archival Information System for the Efficient Management of HL7 Big Data](#) , 2016 39th International Convention on Information and Communication Technology, Electronics and Microelectronics (MIPRO) , ISSN Number: 978-953-233-088-5 , pages 406 - 411 , IEEE Computer Society , 30 Ma - 3 June 2016 - Opatija, Croazia , 2016 , [BibTex](#) , [RTF](#) , Conference Proceedings
10. A. Celesti; M. Fazio; M. Giacobbe; A. Puliafito; M. Villari , [Characterizing IoT Cloud Federation](#) ,2016 30th International Conference on Advanced Information Networking and Applications Workshops (WAINA) - Workshop on Cloud Computing Project and Initiatives - CCPI'16 , ISSN Number: 978-1-5090-2461-2/16 , IEEE Computer Society , Le Régent Congress Centre, Crans-Montana, Switzerland , 2016 , [BibTex](#) , [RTF](#) , Conference Proceedings
11. L. Barreto; A. Celesti; M. Villari; M. Fazio; A. Puliafito , [Security and IoT Cloud Federation: Design of Authentication Schemes](#) , EAI International Conference on Cloud, Networking for IoT systems , Edition Lecture Notes of ICST (LNICST) , Springer-Verlag , Berlin , 2016 , [BibTex](#) , [RTF](#) , Book Chapter
12. A. Celesti; M. Fazio; M. Villari; A. Puliafito , [Adding long-term availability, obfuscation, and encryption to multi-cloud storage systems](#) , Journal of Network and Computer Applications ,ISSN Number: 1084-8045 , Volume: 59 , pages 208-218 , 2016 , [BibTex](#) , [RTF](#) , Journal Article

## 2015

1. F. Longo; D. Bruneo; M. Villari; A. Puliafito; E. Salant; Y. Wolfsthal , Towards the future internet: The RESERVOIR, VISION cloud, and CloudWave experiences , International Journal of High Performance Computing and Networking , ISSN Number: 17400562 , Number: 3 , Volume: 8 , pages 235-247 , Inderscience Enterprises Ltd. , 2015 , [BibTex](#) , [RTF](#) , Journal Article
2. H. Tai; A. Celesti; M. Fazio; M. Villari; A. Puliafito , An integrated system for advanced water risk management based on cloud computing and IoT , 2nd World Symposium on Web Applications and Networking (WSWAN) , pages 1-7 , IEEE Computer Society , 2015 , [BibTex](#) , [RTF](#) , Conference Proceedings
3. M. Fazio; A. Celesti; F. Galán Márquez; A. Glikson; M. Villari , Exploiting the FIWARE Cloud Platform to Develop a Remote Patient Monitoring System , IEEE Symposium on Computers

and Communications (ISCC15) - Workshop on Management of Cloud and Smart city systems (MoCS 2015) , IEEE Computer Society , Larnaca, Cyprus , 2015 , BibTex , RTF , Conference Proceedings

4. A. Celesti; M. Villari , FrontierCities: Leveraging FIWARE for Advantages in Smart Mobility , Fourth European Conference on Service-Oriented and Cloud Computing (ESOCC 2015) , Springer-Verlag , Taormina, Italy , 2015 , BibTex , RTF , Conference Proceedings
5. M. Fazio; A. Celesti; A. Puliafito; M. Villari , Big Data Storage in the Cloud for Smart Environment Monitoring , Procedia Computer Science , Volume: 52 , pages 500 - 506 , 2015 , BibTex , RTF , Conference Proceedings
6. A. Celesti; A. Levin; P. Massonet; L. Schour; M. Villari , Federated Networking Services in Multiple OpenStack Clouds , Fourth European Conference on Service-Oriented and Cloud Computing (ESOCC 2015) - 1st International Workshop on Federated Cloud Networking , Edition Communications in Computer and Information Science (CCSI) , 2015 , BibTex , RTF , Conference Proceedings
7. P. Massonet; A. Levin; A. Celesti; M. Villari , Security Requirements in a Federated Cloud Networking Architecture , Fourth European Conference on Service-Oriented and Cloud Computing (ESOCC 2015) - 3rd International Workshop on Cloud for IoT , Edition Communications in Computer and Information Science (CCSI) , 2015 , BibTex , RTF , Conference Proceedings
8. D. Mulfari; A. Celesti; M. Fazio; M. Villari; A. Puliafito , Design of an IoT Cloud System for Container Virtualization on Smart Objects , Fourth European Conference on Service-Oriented and Cloud Computing (ESOCC 2015) - 3rd International Workshop on Cloud for IoT , Edition Communications in Computer and Information Science (CCSI) , Springer International Publishing , 2015 , BibTex , RTF , Conference Proceedings
9. R. Moreno-Vozmediano; E. Huedo; I. Llorente; R. Montero; P. Massonet; M. Villari; G. Merlino; A. Celesti; A. Levin; L. Schour; C. Vázquez; J. Melis; S. Spahr; D. Whigham , BEACON: A Cloud Network Federation Framework , Fourth European Conference on Service-Oriented and Cloud Computing (ESOCC 2015) - 1st International Workshop on Federated Cloud Networking , Lecture Notes in Computer Science , Edition Communications in Computer and Information Science (CCSI) , ISBN Number: 978-3-642-33426-9 , Springer Berlin Heidelberg , 2015 , BibTex , RTF , Conference Proceedings
10. M. Giacobbe; A. Celesti; M. Fazio; M. Villari; A. Puliafito , Towards Energy Management in Cloud Federation: A Survey in the Perspective of Future Sustainable and Cost-Saving Strategies , Computer Networks , ISSN Number: 1389-1286 , pages 438-452 , 2015 , BibTex , RTF , Journal Article
11. M. Villari; A. Celesti; M. Fazio; A. Puliafito , A Secure Self-Identification Mechanism for Enabling IoT Devices to Join Cloud Computing , Internet of Things. IoT Infrastructures - First International Summit IoT360 , Lecture Notes of the Institute for Computer Sciences, Social Informatics and Telecommunications Engineering , Edition Internet of Things. IoT Infrastructures , ISBN Number: 978-3-319-19742-5 , Volume: 151 , pages 306-311 , Springer International Publishing , Rome , 2015 , BibTex , RTF , Conference Proceedings
12. D. Mulfari; A. Celesti; M. Fazio; M. Villari; A. Puliafito , Achieving Assistive Technology Systems Based on IoT Devices in Cloud Computing , EAI Endorsed Transactions on Cloud Systems , ISSN Number: 2410-6895 , Number: 1 , Volume: 15 , ICST , 2015 , BibTex , RTF , Journal Article
13. D. Mulfari; A. Celesti; M. Fazio; M. Villari , An Approach to Evaluate Applications Running on Web-Based Remote Virtual Machines in Cloud Computing , Advances in Service-Oriented and Cloud Computing - ESOCC Workshops , Communications in Computer and Information



Science , ISBN Number: 978-3-319-14885-4 , Volume: 508 , pages 106-117 , Springer International Publishing , 2015 , BibTex , RTF , Conference Proceedings

14. D. Mulfari; A. Celesti; M. Fazio; M. Villari , Human-Computer Interface Based on IoT Embedded Systems for Users with Disabilities , Internet of Things. User-Centric IoT - First International Summit IoT360 , Lecture Notes of the Institute for Computer Sciences, Social Informatics and Telecommunications Engineering , ISBN Number: 978-3-319-19655-8 , Volume: 150 , pages 376-383 , Springer International Publishing , 2015 , BibTex , RTF , Conference Proceedings
15. A. Puliafito; A. Celesti; M. Villari; M. Fazio , Towards the Integration Between IoT and Cloud Computing: An Approach for the Secure Self-Configuration of Embedded Devices , International Journal of Distributed Sensor Networks , Volume: 2015 , Issue: Leveraging the Internet of Things: Integration of Sensors and Cloud Computing Systems , pages 1-9 , 2015 , BibTex , RTF , Journal Article
16. M. Giacobbe; A. Celesti; M. Fazio; M. Villari; A. Puliafito , A Sustainable Energy-Aware Resource Management Strategy for IoT Cloud Federation , The first IEEE International Symposium on Systems Engineering (ISSE) , ISSN Number: 978-1-4799-1919-2 , Volume: IEEE First International Symposium on Systems Engineering 2015 Proceedings , pages 170-175 , IEEE Computer Society , Roma, Italy , 2015 , BibTex , RTF , Conference Proceedings
17. M. Giacobbe; M. Fazio; A. Celesti; T. Abbate; M. Villari , A Scientometric Analysis of Cloud Computing and QoE Literature to Design a Cloud Platform of Experience for Digital Business , 1st International Workshop on Digital Enterprise Architecture and Engineering (IDEA) , Taormina (Messina), Italy , 2015 , BibTex , RTF , Conference Proceedings
18. L. Barreto; A. Celesti; M. Villari; M. Fazio; A. Puliafito , An Authentication Model for IoT Clouds , The 2015 IEEE/ACM International Conference on Advances in Social Networks Analysis and Mining , ISBN Number: 978-1-4503-3854-7 , pages 1032-1035 , IEEE Computer Society , Paris, France, August 26-27, 2015 , 2015 , BibTex , RTF , Conference Proceedings
19. L. Barreto; A. Celesti; M. Villari; M. Fazio; A. Puliafito , Identity Management in IoT Clouds: a FIWARE Case of Study , 2015 IEEE Conference on Communications and Network Security (CNS) - 1st Workshop on Security and Privacy in the Cloud (SPC 2015) , ISSN Number: 978-1-4673-7876-5 , pages 680-684 , IEEE Computer Society , Florence, Italy, September 30th, 2015 , 2015 , BibTex , RTF , Conference Proceedings
20. D. Mulfari; A. Celesti; M. Fazio; M. Villari; A. Puliafito , Embedded systems for supporting computer accessibility , AAATE , Edition Series: Studies in Health Technology and Informatics , ISBN Number: 978-1-61499-565-4 (print) | 978-1-61499-566-1 (online) , Volume: 217: Assistive Technology , pages 378-385 , IOS Press , Budapest, Hungary , 2015 , BibTex , RTF , Conference Proceedings
21. D. Mulfari; A. Celesti; M. Villari; A. Puliafito , Providing Assistive Technology Applications as a Service Through Cloud Computing , Assistive Technology: The Official Journal of RESNA , ISSN Number: 1040-0435 (Print), 1949-3614 (Online) , Number: 1 , Volume: 27 , Issue: 1 , pages 44-51 , Taylor & Francis , 2015 , BibTex , RTF , Journal Article
22. D. Mulfari; A. Celesti; M. Villari , A computer system architecture providing a user-friendly man machine interface for accessing assistive technology in cloud computing , Journal of Systems and Software , ISSN Number: 0164-1212 , Volume: 100 , pages 129–138 , Elsevier , 2015 , BibTex , RTF , Journal Article
23. M. Fazio; A. Celesti; M. Villari; A. Puliafito , How to Enhance Cloud Architectures to Enable Cross-Federation: Towards Interoperable Storage Providers , IEEE International Conference on Cloud Engineering (IC2E), Tempe, AZ, USA , pages 480-486 , IEEE Computer Society , Washington D.C. , 2015 , BibTex , RTF , Conference Proceedings

24. A. Panarello; A. Celesti; M. Fazio; M. Villari; A. Puliafito , A Federated MapReduce-based Video Transcoding System to Face the Future Massive Video-Selfie Sharing Trend , Fourth European Conference on Service-Oriented and Cloud Computing (ESOCC 2015) - 3rd International Workshop on Cloud for IoT , Edition Communications in Computer and Information Science (CCSI) , Springer International Publishing , 2015 , BibTex , RTF , Conference Proceedings
25. M. Giacobbe; A. Celesti; M. Fazio; M. Villari; A. Puliafito , Evaluating a Cloud Federation Ecosystem to Reduce Carbon Footprint by Moving Computational Resources , Published on The 2015 IEEE International Workshop on Distributed Mobile Systems & Services (DMSS 2015) , IEEE Computer Society , Larnaca, Cyprus , 2015 , BibTex , RTF , Conference Proceedings
26. M. Giacobbe; A. Celesti; M. Fazio; M. Villari; A. Puliafito , An Approach to Reduce Energy Costs Through Virtual Machine Migrations in Cloud Federation , Published on 20th IEEE Symposium on Computers and Communications (ISCC15) , IEEE Computer Society , Larnaca, Cyprus , 2015 , BibTex , RTF , Conference Proceedings
27. M. Giacobbe; A. Celesti; M. Fazio; M. Villari; A. Puliafito , An Approach to Reduce Carbon Dioxide Emissions Through Virtual Machine Migrations in a Sustainable Cloud Federation , SustainIT 2015 The Fourth IFIP Conference on Sustainable Internet and ICT for Sustainability , Edition IEEE Computer Society , Madrid, Spain , 2015 , BibTex , RTF , Conference Proceedings M. Fazio, A. Celesti, M. Villari, A. Puliafito - *How To Enhance Cloud Architectures To Enable Cross-federation: Towards Interoperable Storage Providers*. Published on (accepted) IEEE International Conference on Cloud Engineering (IC2E), 4th Intercloud2015 workshop, Tempe, AZ, USA IEEE Computer Society 9 March 2015. [Link](#).

#### 2014

28. M. Fazio, A. Celesti, A. Puliafito, M. Villari - *An Integrated System For Advanced Multi-risk Management Based On Cloud For Iot*. in *Advances onto the Internet of Things* Salvatore Gaglio, Giuseppe Lo Re Springer International Publishing *Advances in Intelligent Systems and Computing* vol.260, pp.253-269, 2014. [Link](#).
29. D. Mulhari, A. Celesti, M. Villari, A. Puliafito - *Using Virtualization And Novnc To Support Assistive Technology In Cloud Computing*. in *PROCEEDINGS of the Third Symposium on Network Cloud Computing and Applications (NCCA)*, Rome, Italy IEEE Computer Society pp.125-132, 4-7 February 2014. [Link](#).  
Note: ISBN 14978076955165; DOI 10.1109/NCCA.2014.28 .
30. M. Fazio, A. Celesti, M. Villari, A. Puliafito - *The Need Of A Hybrid Storage Approach For Iot In Paas Cloud Federation*. in (accepted) *IEEE International Conference on Advanced Information Networking and Applications (AINA) - Workshop on Pervasive Internet of Things and Smart Cities (PITSaC)*, Vitoria, Canada IEEE Computer Society, 13-16 May 2014. [Link](#).
31. M. Fazio, A. Celesti, A. Panarello, M. Villari, A. Puliafito - *A Requirement Analysis For IaaS Cloud Federation*. in *PROCEEDINGS of the 4th International Conference on Cloud Computing and Services Science (CLOSER 2014)*, Barcelona, Spain SCITEPRESS pp.584-589, April 2014. [Link](#).
32. M. Fazio, A. Puliafito, M. Villari - *Iot4s: A New Architecture To Exploit Sensing Capabilities In Smart Cities*. in *International Journal of Web and Grid Services* , Inderscience Publishers edition, n.2/3, vol.10, pp.114-138, 2014.  
Note: ISSN: 1741-1106.
33. A. Panarello, M. Fazio, A. Celesti, M. Villari, A. Puliafito - *Cloud Federation To Elastically Increase Mapreduce Processing Resources*. in (accepted) *PROCEEDINGS of the The first international FedICI'2013 workshop: Federative and interoperable cloud infrastructures*, Porto, Portugal 25-29 August 2014. [Link](#).
34. A. Celesti, M. Fazio, A. Puliafito, M. Villari - *Automating The Hadoop Configuration For Easy Setup In Resilient Cloud Systems*. in *PROCEEDINGS of the IEEE Symposium on Computers and Communications (ISCC)* IEEE Computer Society Madeira, Portugal, 23-26 June 2014.

35. D. Mulfari, A. Celesti, M. Fazio, M. Villari - *An Approach To Evaluate Applications Running On Web-based Remote Virtual Machines In Cloud Computing*. in 2nd International Workshop on Cloud for IoT (CLIoT 2014) , ESOC 2014 WORKSHOPS edition, Springer 2 September 2014.
36. D. Mulfari, A. Celesti, M. Fazio, M. Villari - *Human-computer Interface Based On Iot Embedded Systems For Users With Disabilities*. in (accepted) PROCEEDINGS of International Conference on IoT as a Service (IoTaaS) Springer 2014.
37. M. Villari, A. Celesti, M. Fazio, A. Puliafito - *A Secure Self-identification Mechanism For Enabling Iot Devices To Join Cloud Computing*. in (accepted) PROCEEDINGS of the First International Conference on Safety and Security in Internet of Things Springer 28 October 2014. [Link](#).
38. A. Celesti, M. Fazio, M. Villari, A. Puliafito - *Adding Long-term Availability, Obfuscation, And Encryption To Multi-cloud Storage Systems*. in (accepted) JOURNAL of Network and Computer Applications , Elsevier edition, 2014. [Link](#).  
Note: ISSN: 1084-8045; Impact Factor: 1.772.  
DOI:<http://dx.doi.org/10.1016/j.jnca.2014.09.021> .
39. D. Mulfari, A. Celesti, M. Villari, A. Puliafito - *Providing At Applications As A Service Through Cloud Computing*. in (accepted) Assistive Technology. The Official JOURNAL of RESNA , Taylor & Francis edition, 2014. [Link](#).  
Note: ISSN 1040-0435 (Print), 1949-3614 (Online). 2013 Impact Factor: 1.300..
40. M. Fazio, A. Celesti, M. Villari, A. Puliafito - *Resource Management In Cloud Federation Using Xmpp*. in (accepted) PROCEEDINGS of the 13th IEEE International Symposium on Network Computing and Applications (IEEE NCA14), Boston, Massachusetts, USA IEEE Computer Society pp.67-70, 21-23 2014.  
Note: ISBN:978-1-4799-5393-6/14, DOI 10.1109/NCA.2014.15, [paper](#).
41. M. Villari, A. Celesti, M. Fazio, A. Puliafito - *Alljoin Lambda: An Architecture For The Management Of Smart Environments In Iot*. in (accepted) International Conference on Smart Computing (SMARTCOMP 2014) - The First International Workshop on Sensors and Smart Cities (SSC 2014), Hong Kong IEEE Computer Society 2014.
42. M. Fazio, A. Celesti, D. Mulfari, M. Villari, A. Puliafito - *Using Embedded Systems To Spread Assistive Technology On Multiple Devices In Smart Environments*. in (accepted) IEEE International Conference on Bioinformatics and Biomedicine (BIBM-2014) - Workshop on Assistive Technologies in Smart Environments - ATSE 2014 IEEE Computer Society 2-5 November 2014. [Link](#).
43. D. Mulfari, A. Celesti, M. Villari - *A Computer System Architecture Providing A User-friendly Man Machine Interface For Accessing Assistive Technology In Cloud Computing*. in JOURNAL of System and Software , Elsevier edition, vol.100, pp.129-138, 2014. [Link](#).  
Note: ISSN: 0164-1212.
44. D. Bruneo, M. Villari, E. Salant, A. Puliafito, Y. Wolfsthal, F. Longo - *From Vision Cloud To Cloudwave: Towards The Future Internet And A New Generation Of Services*. Published on The 2nd International Workshop on Cloud Computing: Project and Initiatives pp.641-646, September 2014. [Paper](#)  
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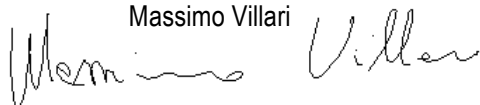
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