



## Europass Curriculum Vitae

### Personal information

First name(s) / Surname(s) **Adriano Di Pasquale**  
Address(es) Via Campo Boario, I-64100, Teramo, Italy  
Telephone(s) +39 0861 3321 Mobile: +39 346 0048591  
Fax(es) +39 0861 332251  
E-mail a.dipasquale@izs.it  
Nationality Italian  
Date of birth 31/03/1971  
Gender Male

**Desired employment / Occupational field** **IT Expert, Web Application Expert, System and network administrator**

### Work experience

Dates	2002 to now
Occupation or position held	IT Manager (Dirigente Analista)
Main activities and responsibilities	Member of the Information System Laboratory at IZSAM. It is involved in the following activities: <ul style="list-style-type: none"><li>• Analysis, design and implementation of WEB and WEB-GIS applications in the context of the veterinarian information systems for the Italian Ministry of Health</li><li>• System and network administration</li><li>• Training of staff</li><li>• Support to other IZSAM unit: R language, SQL, Perl/Python scripting for Bioinformatics analysis.</li></ul>
Name and address of employer	Istituto Zooprofilattico Sperimentale dell'Abruzzo e del Molise "G. Caporale" (IZSAM) – Teramo (Italy)
Type of business or sector	Information Technology
Dates	2012 to now
Occupation or position held	IT Expert
Main activities and responsibilities	Project ANIHWERA-Net ( <a href="http://www.anihwa.eu">http://www.anihwa.eu</a> ) funded by the EU's Seventh Framework Programme. Analysis and development of the Web based system "Animal Welfare Archive"
Name and address of employer	Istituto Zooprofilattico Sperimentale dell'Abruzzo e del Molise "G. Caporale" (IZSAM) – Teramo (Italy)
Type of business or sector	Information Technology
Dates	2012 – 2012
Occupation or position held	Teacher
Main activities and responsibilities	Tutor in the Workshop TAIEX "EU legislation related to animal welfare during the transport" - Bosnia
Name and address of employer	TAIEX – European Commission
Type of business or sector	Information Technology
Dates	2012 – 2012
Occupation or position held	Teacher
Main activities and responsibilities	Tutor in the course "Nuovo C.A.D. e semplificazione del linguaggio" at Italian Ministry of Health
Name and address of employer	Scuola Superiore della Pubblica Amministrazione

Type of business or sector	Information Technology
Dates	2011 to 2014
Occupation or position held	IT Expert
Main activities and responsibilities	Project "Development of EU Wide Animal Transportation Certification System and Renovation of Control Posts in the European Union - SANCO/2011/G3/CRPA/SI2.610274"
Name and address of employer	IZSAM – Teramo (Italy)
Type of business or sector	Information Technology
Dates	2010 to 2013
Occupation or position held	IT Expert
Main activities and responsibilities	Work package leader in the project "Renovation and promoting high quality control posts in the European Union - SANCO/D5/2010/CRPA/SI2.578062"
Name and address of employer	IZSAM – Teramo (Italy)
Type of business or sector	Information Technology
Dates	2006 - 2011
Occupation or position held	IT Expert
Main activities and responsibilities	Analysis, design and implementation of hardware and software systems related to the experimental projects in the context of "monitoring animal welfare during long journeys" together with the EU Joint Research Center of Ispra, Varese, Italy
Name and address of employer	IZSAM – Teramo (Italy), JRC Ispra(Italy)
Type of business or sector	Information Technology
Dates	2008 - 2009
Occupation or position held	IT Expert
Main activities and responsibilities	Analysis and design hardware and software components of the "special project for monitoring animal movements using Geographical Information Systems (GIS)" financed by the Italian Ministry of Health
Name and address of employer	IZSAM – Teramo (Italy), Italian Ministry of Health
Type of business or sector	Information Technology
Dates	2009 – 2011
Occupation or position held	Teacher
Main activities and responsibilities	Tutor in the editions "Training course on Animal Welfare during transport and related operations" in the framework of European Union DG Sanco "Better Training for Safer Food" programme.
Name and address of employer	IZSAM – Teramo
Type of business or sector	Information Technology
Dates	2007- 2009
Occupation or position held	IT Expert
Main activities and responsibilities	Analysis and design of the Eritrean Bovine Identification and Registration System
Name and address of employer	IZSAM – Teramo (Italy), Asmara (Eritrea)
Type of business or sector	Information Technology
Dates	2007 to 2012
Occupation or position held	IT Expert
Main activities and responsibilities	Support to Italian Health Ministry experts in EU commission working group on Animal Identification and Registration and working group on Animal Welfare.
Name and address of employer	IZSAM – Teramo (Italy), Bruxelles
Type of business or sector	Information Technology
Dates	2004 to 2008
Occupation or position held	IT Expert

Main activities and responsibilities Analysis, design and implementation activities in the European Union project "Supply of Central computer System for Animal Identification and Registration in Serbia - Contract 03SER01/10/007"

Name and address of employer IZSAM - Teramo (Italy), Belgrade (Serbia)

Type of business or sector Information Technology

Dates 2003 - 2005

Occupation or position held Teacher

Main activities and responsibilities Academic year 2004/2005: Contract Professor on "Reti Logiche" (Logical network).

Academic year 2003/2004: Contract Professor on "Gestione Distribuita dei Dati" (Distributed data management).

Name and address of employer University of Rome "Tor Vergata", Faculty of Science

Type of business or sector Information Technology

Dates 1996 - 1998

Occupation or position held Software developer

Main activities and responsibilities Development of Client/Server information systems based on Oracle database

Name and address of employer IASI srl, Teramo, Italy

Type of business or sector Information Technology

**Education and training**

Dates 2003

Title of qualification awarded Ph.D. in Computer Science

Principal subjects/occupational skills covered Information System Management

Name and type of organisation providing education and training University "La Sapienza", Rome (Italy)

Dates 1998

Title of qualification awarded Doctor in Computer Science

Principal subjects/occupational skills covered Information System Management

Name and type of organisation providing education and training University of L'Aquila (Italy)

**Personal skills and competences**

Mother tongue(s) **Italian**

Other language(s)

Self-assessment  
*European level (\*)*

**English**

Understanding		Speaking				Writing	
Listening		Reading		Spoken interaction		Spoken production	
B2	Independent user	B2	Independent user	B2	Independent user	B2	Independent user

(\*) *Common European Framework of Reference for Languages*

Organisational skills and competences Good experience in managing software development teams

## Computer skills and competences

In the context of the above activities, the following systems and tools have been widely used:

- Operative Systems : Linux, MS Windows, HP Tru64.
- Programming : Java/J2EE, Perl, C/C++, R Language.
- Web : HTML, XML, Javascript, jQuery.
- Database : Oracle, Postgres, Mysql, sqlite.
- noSql : MongoDB
- WebServer : Apache, Tomcat.
- GIS : UMN Mapserver, Openlayers

## Additional information

See below

## Additional information

### **Seminars:**

- 2003/2004: seminar in the course “Fondamenti dell'Informatica: Algoritmi e Dati Distribuiti” at University of L'Aquila.
- 2002/2003: seminar in the course “Fondamenti dell'Informatica: Algoritmi e Dati Distribuiti” at University of L'Aquila.
- 2001/2002: seminar in the course “Fondamenti dell'Informatica: Algoritmi e Dati Distribuiti” at University of L'Aquila.
- 2001/2002: seminar in the course “Laboratorio di Basi di Dati” at University of L'Aquila.
- 2000/2001: seminar in the course “Fondamenti dell'Informatica: Algoritmi e Dati Distribuiti” at University of L'Aquila.
- 1999/2000: seminar in the course “Fondamenti dell'Informatica: Sistemi Distribuiti e Paralleli” at University of L'Aquila.

### **Interviews:**

1. A. Di Pasquale, D. Zippo, Trasporti sicuri per animali più sani, Garr News, N.7, November 2012, Edited by Consortium GARR, the Italian Academic & Research Network  
<http://www.garrnews.it/la-voce-della-comunita-7/133-trasporti-sicuri-per-animale-piu-sani>  
[http://www.adrianodipasquale.it/publications/garrnews\\_201211\\_n7.pdf](http://www.adrianodipasquale.it/publications/garrnews_201211_n7.pdf).

### **Publications:**

2. A. Di Pasquale, A. de Ruvo, D. Di Flaviano, C. Di Francesco. Applications for mobile data collections in veterinary fields, International Medical Informatics and Telemedicine (IMIT) 2014.
3. A. Giovannini, S. Barnard, C. Ippoliti, D. Di Flaviano, A. de Ruvo, C. Di Francesco, A. Di Pasquale, P. Dalla Villa. Innovative solutions to improve and ease stray dog population counts in urban territories: an Italian experience. Oral presentation 1st International Conference on Dog Population Management, York, UK, 4-8 September 2012.
4. A. Di Pasquale, D. Zippo, C. Di Francesco: Software Open Source nella Pubblica Amministrazione: un Caso di Studio EGOV - Maggioli Editore, 2010  
<http://datastorage02.maggioli.it/data/docs/www.egov.maggioli.it/aica2010.pdf>  
[http://www.adrianodipasquale.it/publications/egov\\_maggioli\\_2010.pdf](http://www.adrianodipasquale.it/publications/egov_maggioli_2010.pdf)
5. A. Di Pasquale, E. Isocrono, L. Possenti, C. Di Francesco, W. Di Donato, G. Fiore, J. Hofherr, F. Natale, F. Bonavitacola: Monitoraggio del benessere animale e della tracciabilità del bestiame durante il trasporto, Veterinaria Italiana, 45(4), 567-586, 2009
6. G. Fiore, F. Natale, J. Hofherr, F. Bonavitacola, C. Di Francesco, A. Di Pasquale, D. Zippo: Animal Transport Navigation System and Events Recording Automation. In Book of abstract of the 60th Annual Meeting of the European Association for Animal Production (EAAP 2009), N.15, pag.252, Wageningen Academic Publisher.
7. A. Di Pasquale, E. Isocrono, L. Possenti, C. Di Francesco, W. Di Donato, G. Fiore, J. Hofherr, F. Natale, F. Bonavitacola: Animal Welfare Monitoring and Livestock Traceability During Transport. In Proceedings of 2nd International Multi-Conference on Engineering and Technological Innovation: IMETI 2009, IIIS (International Institute of Informatics and Systemics).
8. Paolo Dalla Villa, Luigi Iannetti, Cesare Di Francesco, Adriano Di Pasquale, Gianluca Fiore, Vincenzo Caporale: Quality management for the road transportation of livestock, Veterinaria Italiana, 44 (1), 187-200, 2008
9. C. Ippoliti, A. Di Pasquale, G. Fiore, L. Savini, A. Conte, F. Di Gianvito, C. Di Francesco: A Web-based geographic information system for monitoring animal welfare during long journeys, Veterinaria Italiana, 43 (3), 753-759, 2007
10. A. Di Pasquale, E. Isocrono, L. Possenti, M. Cianella, C. Di Francesco, R. Lelli, V. Caporale: The Italian Database for Animal Identification: a Real Life Interoperability System among Public Administrations.

In Proceedings of International Symposium on Management, Engineering and Informatics (MEI) 2007, IIS(International Institute of Informatics and Systemics)

11. C. Di Francesco, C. Ippoliti, A. Di Pasquale, F. Di Gianvito, L. Savini, A. Conte, G. Fiore:  
A WEB-GIS Monitoring Animal Welfare During Long Journeys.  
In Proceedings of 1st OIE International Conference "Use of GIS in Veterinary Activities", Italy
12. D. Zippo, E. Isocrono, A. Di Pasquale, D. Palma, F. Di Gianvito, C. Di Francesco, V. Caporale:  
Index of Services of Public Administration.  
In Proceedings of International Conference on Cybernetics and Information Technologies, Systems and Applications (CITSA) 2006, IIS(International Institute of Informatics and Systemics)
13. L. Possenti, A. Di Pasquale, E. Isocrono, W. Di Donato, A. D'Angelo, C. Di Francesco, V. Caporale:  
Multichannel Access to the National Database for Animal Identification.  
In Proceedings of International Conference on Cybernetics and Information Technologies, Systems and Applications (CITSA) 2006, IIS(International Institute of Informatics and Systemics)
14. A. Di Pasquale, E. Isocrono, L. Possenti, M. Cianella, C. Di Francesco, V. Caporale:  
Interoperability in the national database for animal identifications.  
In Proceedings of International Conference on Euro-Mediterranean Medical Informatics and Telemedicine. (EMMIT) 2006, AITIM
15. Carlo Batini, Marco Comerio, Flavio De Paoli, Cesare Di Francesco, Adriano Di Pasquale, Simone Grega:  
Metodologie ed esperienze di sviluppo di applicazioni multicanale nell'anagrafe bovina.  
In Proceedings of Convegno Nazionale su Sistemi Evoluti per Basi di Dati (SEBD 2004), pp. 178-189, ISBN 88-901409-1-7
16. Adriano Di Pasquale, Enrico Nardelli, Guido Proietti:  
A Lower Bound for DRT\* with Complete Correction Technique.  
Workshop on Distributed Data and Structures (WDAS 2004), Lausanne, Switzerland, July 2004, Proceedings in Informatics, Carleton Scientific.
17. Carlo Batini, Marco Comerio, Flavio De Paoli, Cesare Di Francesco, Adriano Di Pasquale, Simone Grega:  
A service re-design methodology for multi-channel adaptation.  
In Proceedings of International Conference On Service Oriented Computing (ICSOC) 2004: pp. 11-20, ACM.
18. Adriano Di Pasquale, Enrico Nardelli, Guido Proietti:  
An RP\* Extension with Amortized Almost Constant Costs.  
Workshop on Distributed Data and Structures (WDAS 2003), Thessaloniki, Greece, March 2003, Proceedings in Informatics, Carleton Scientific.
19. Adriano Di Pasquale, Luca Forlizzi, Christian S. Jensen, Yannis Manolopoulos, Enrico Nardelli, Dieter Pfoser, Guido Proietti, Simonas Saltenis, Yannis Theodoridis, Theodoros Tzouramanis, Michael Vassilakopoulos:  
Access Methods and Query Processing Techniques.  
In the book Spatio-Temporal Databases: The CHOROCHRONOS Approach, Lecture Notes in Computer Science, Vol. 2520, pp. 203-261, Springer Verlag, 2003.
20. Vittorio Bilò, Adriano Di Pasquale, Fabio Fioravanti, Michele Flammini, Luca Forlizzi, Francesco Lo Presti, Giovanna Melideo, Enrico Nardelli, Alfredo Navarra, Guido Proietti:  
Quality of Service in Wireless Networks.  
In Proceedings of 17th International Parallel and Distributed Processing Symposium (IPDPS 2003): pp. 224. Published by IEEE Computer Society.
21. Adriano Di Pasquale, Enrico Nardelli, Guido Proietti:  
An Improved Upper Bound for Scalable Distributed Search Trees.  
Workshop on Distributed Data and Structures (WDAS 2002), Paris, March 2002, Proceedings in Informatics Vol. 14, pp. 15-28, Carleton Scientific.
22. Adriano Di Pasquale, Michele Flammini, Enrico Nardelli:  
Allocation Problems in Scalable Distributed Data Structures.  
Workshop on Distributed Data and Structures (WDAS 2002), Paris, March 2002, Proceedings in Informatics Vol. 14, pp. 133-142, Carleton Scientific.

23. A.Di Pasquale, E. Nardelli:  
ADST: An Order Preserving Scalable Distributed Data Structure with Constant Access Costs.  
In Proceedings of 28th Annual Conference on Current Trends in Theory and Practice of Informatics (SOFSEM 2001), Lecture Notes in Computer Science, Vol. 2234, pp. 211-222, Springer Verlag, November 2001.
24. A.Di Pasquale, E. Nardelli:  
Experimental Results on ADST.  
In Proceedings of Workshop su Sistemi Distribuiti: Algoritmi, Architetture e Linguaggi (WSDAAL 2001), Como, September 2001.
25. A.Di Pasquale, E. Nardelli:  
A Very Efficient Order Preserving Scalable Distributed Data Structure.  
In Proceedings of International Conference on Database and Expert Systems Applications (DEXA 2001), Monaco, Lecture Notes in Computer Science, Vol. 2113, pp. 186-199, Springer Verlag, September 2001.
26. A.Di Pasquale, E. Nardelli:  
Aggregation in Distributed Search Trees.  
In Proceedings of Workshop su Sistemi Distribuiti: Algoritmi, Architetture e Linguaggi (WSDAAL 2000), Ischia, September 2000.
27. A.Di Pasquale, E. Nardelli:  
Distributed Searching of k-dimensional Data with Almost Constant Costs.  
In Proceedings of Symposium on Advances in Databases and Information Systems (ADBIS 2000), Prague, Lecture Notes in Computer Science, Vol. 1884, pp. 239-250, Springer Verlag, September 2000.
28. A.Di Pasquale, E. Nardelli:  
Scalable Distributed Data Structures: a Survey.  
Workshop on Distributed Data and Structures (WDAS 2000), L'Aquila, June 2000, Proceedings in Informatics Vol. 9, pp. 87-111, Carleton Scientific.
29. A.Di Pasquale, E. Nardelli:  
An Amortized Lower Bound for Distributed Searching of k-dimensional Data.  
Workshop on Distributed Data and Structures (WDAS 2000), L'Aquila, June 2000, Proceedings in Informatics Vol. 9, pp. 71-85, Carleton Scientific.
30. A.Di Pasquale, E. Nardelli:  
Improving Search Time in Balanced and Distributed Search Trees.  
In Proceedings of Workshop su Sistemi Distribuiti: Algoritmi, Architetture e Linguaggi (WSDAAL 1999), September 1999, University of L'Aquila.
31. A.Di Pasquale, E. Nardelli:  
Fully Dynamic Balanced and Distributed Search Trees.  
Workshop on Distributed Data and Structures (WDAS 1999) Princeton, NJ, May 1999, Proceedings in Informatics Vol. 6, pp. 73-90, Carleton Scientific.
32. A.Di Pasquale, E. Nardelli:  
Efficient Spatial Data Management Using Balanced and Distributed Search Trees.  
In Proceedings of First Southern Symposium of Computing, Hattiesburg, Mississippi, U.S.A., November 1998. Published by School of Mathematical Sciences, the University of Southern Mississippi, ISBN:0-9677774-0-2.
33. A.Di Pasquale, E. Nardelli:  
Alberi di ricerca distribuiti e bilanciati.  
In Proceedings of Workshop su Sistemi Distribuiti: Algoritmi, Architetture e Linguaggi (WSDAAL 1998), June 1998, Siena, Italy.

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Date  
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