

DPE Digital Preservation Trainers

DigitalPreservationEurope, building on the earlier successful work of ERPANET, facilitates pooling of the complementary expertise that exists across the academic research, cultural, public administration and industry sectors in Europe.

DigitalPreservationEurope (DPE) fosters collaboration and synergies between many existing national initiatives across the European Research Area. DPE addresses the need to improve coordination, cooperation and consistency in current activities to secure effective preservation of digital materials.

Core Partners: HATII at the University of Glasgow (Co-ordinator), Technische Universität Wien, Statsbiblioteket, Nationaal Archief van Nederland, Národní knihovna Ceske republiky, Ministero Per I Beni E Le Attività Culturali, Fondazione Rinascimento Digitale, Vilnius University Faculty of Communication, FernUniversität Hagen.

<http://www.digitalpreservationeurope.eu>

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Email:	angeladiiorio@gmail.com
Organisation:	University of Rome "La Sapienza"
Type of Organisation:	Academic institution
Country:	Italy
Languages:	English, Italian
Areas of Expertise:	Implementation of metadata infrastructure in digital libraries contexts and for long-term preservation, semantic web, Web&Library 2.0.

DigitalPreservationEurope makes no guarantees about the quality of the information supplied herein or about the abilities of this person as a trainer.

You should seek independent references.

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Angela Di Iorio

EDUCATION	September 2003 – November 2006	University of Venice Ca' Foscari
	LAUREA SPECIALISTICA IN INFORMATICA PER LE DISCIPLINE UMANISTICHE (2 years of study) <i>Final mark:</i> 110/110 with Distinction <i>Main subjects:</i> Information & Communication Technology with Cultural Heritage Information Preservation Systems <i>Dissertation:</i> 'Knowledge domain management model: the DEMOKRITO project'. An examination about a cooperative organization model for the knowledge domain management for the customization of a digital library system based on semantic web technologies and a realization of web server application prototype, disseminated by the 'Domain Environment Modelling for Knowledge Running on Internet and Over (DEMOKRITO)' web site project.	
	November 2000 – July 2003	University of Ferrara
	LAUREA TRIENNALE TECNOLOGO DELLA COMUNICAZIONE AUDIOVISIVA E MULTIMEDIALE (3 years of study) <i>Final mark:</i> 110/110 with Distinction <i>Main subjects:</i> Information & Communication Technology with Cultural Heritage Information Preservation Systems <i>Dissertation:</i> 'The future of information and communication technologies: the issues of the technology independence and the long term preservation of digital resources. Cultural Heritage and Information Technology synergies'. An examination about information modelling and importance of metadata, throughout the identification of specific standard of metadata about a digital resource, aiming in prototyping of an ontology of digital still image content.	
	March 2003 – May 2003	Provincial Library of Campobasso (Italy)
	INTERNSHIP: ANALYSIS OF DEPLOYMENT'S ISSUES FOR A BRAND NEW NATIONAL LIBRARY SYSTEM APPLICATION SOFTWARE (4 months of study). <i>Main subjects:</i> The analysis has consisted of a report about the impact on the the local environment information system and the evaluation of the new system effectiveness about the library's management .	

EDUCATION (continuing)	December 1987 – September 1988 Training school "IaI-CisI", Campobasso (Italy)
	CERTIFIED COURSE FOR PROFESSIONAL SOFTWARE PROGRAMMING <i>Final mark: 9/10</i> <i>Main subjects: Software programming in Basic and Cobol</i>
WORK EXPERIENCE	<div data-bbox="395 530 1434 784"> <p>January 2007 – date University of Rome "La Sapienza"</p> <p>METADATA EXPERT FOR PRODIGI PROJECT (DIGITIZATION PROJECT OF HISTORICAL, CULTURAL AND SCIENTIFIC RESOURCES)</p> <p>Responsibility of metadata infrastructure design oriented to the long term preservation of digital resources.</p> <p>Search and analysis of the best suited software application for project need, context and objectives.</p> </div> <div data-bbox="395 842 1434 1126"> <p>October 2004 – date University of Rome "La Sapienza"</p> <p>INFORMATION SYSTEM ANALYST (HUMAN RESOURCES ADMINISTRATION DEPARTMENT – INFORMATION SERVICES)</p> <p>Responsibility of information flow management project.</p> <p>Ongoing analysis of information flow and design of customized client-server application: interlinking of personal and career records of employees, lecturer and researchers aiming to e-government facilities, following the XML standard for granting the interoperability and the reusability of the information.</p> </div> <div data-bbox="395 1184 1434 1935"> <p>September 1991 – October 2004 University of Molise (Italy)</p> <p>TECHNOLOGIST (COMPUTING INFORMATION SERVICES)</p> <p>Responsibility of many aspects of university service provision including network infrastructure, systems development, security, central server system administration and the initial development of the University's Web service.</p> <p><u>System administrator, database designer</u></p> <ul style="list-style-type: none"> ○ System administration of university central networking server Red Hat/linux system; configuration network services, monitoring and planning of network security system ○ University's library computing management system and computing services for students. <p><u>Web master/ Web developer</u></p> <ul style="list-style-type: none"> ○ Design and organization based on analysis of publishing requirements ○ Analysis, design, development and maintenance of web services for different purposes ○ Maintenance of web architecture (application development requirements, security management, information organization management). <p><u>Software applications system analyst</u></p> <p>Analysis, design, development and deployment of customized software applications based on RDBMS for:</p> <ul style="list-style-type: none"> ○ Accounting and tuitions management ○ Personal students records, including interfacing with Italian National </div>

	<p>student job placement project (www.almalaurea.it)</p> <ul style="list-style-type: none"> o Inventory computing control o Stock warehouse computing management. o Agriculture department publications and reference bibliography with multidimensional querying by keywords: authors, titles, topics and all relevant information, useful for retrieval.
WORK EXPERIENCE (continuing)	<p>August – September 2001 United Nation - International Refugees Committee Film Aid International</p> <p>Database specialist volunteer Database normalization activity of the videotapes' catalogue containing descriptive data about videos', relationships', rights' administration records related to donors and the rights of the owners.</p> <p>April 1989 - August 1991 Gepin S.P.A. – Rome (<i>Software house company</i>)</p> <p><u>Software applications developer</u></p> <ul style="list-style-type: none"> o Design and development of management system for government Public Works Agency o Design and development of telephone international traffic control system of Italian telecom company o Design and development of an accounting system for health services management of Italian telecom company.
TEACHING EXPERIENCE	<p>January 2007 Taught Archival informatics and e-government at the University of Rome "La Sapienza" in a training course for the volunteers of the 'Universitas rerum', a project on the management, preservation and fruition of the archival resources.</p> <p>May 2001 Taught Internet services deployment at professional training school of the 'Industrialists and entrepreneurs Association' of Isernia (Italy) in a professional training program for 'Networking services engineering'.</p> <p>March 2000 Taught RDBMS design at University of Molise in a hi-educational training course for a 'Computing Management of archeological sites' project.</p> <p>March/April 2000 Taught Web pages programming in HTML at TREND (professional training school) of Campobasso in a professional training course in 'Startup to teleworking tools' for students with disabilities.</p> <p>September/December 1999 Taught Analysis, design, development and deployment of web sites at I.M.F.A.P. (professional training school) of Campobasso in a professional training course for 'Hypertext editors'.</p> <p>May/July 1999 Taught Programming in Visual Basic at I.M.F.A.P. (professional training school) of Campobasso in a professional training course for 'Software Developer'.</p> <p>April 1998 Taught Internet and tools of the TCP/IP protocol at University of Molise in a hi-educational training course for a 'Service's managers aiding migrant people' project in cooperation with Italian Community of Hui (BE), funded by EU Social Fund</p>

TEACHING
EXPERIENCE
(continuing)

June/December 1996 – February/June 1998 Taught **Rdbms management and Computer and Internet Literacy** at University of Molise in a training course for the University's employees

January/September 1994 Taught **Object-Oriented languages and Relational Database** at Ial-Cisl (professional training school) of Campobasso in a professional training course for 'System analysts'.

CONSULTING
EXPERIENCE

December 2006 Consultant for Fondazione Rinascimento Digitale, Firenze
Research and documentation production on digital libraries metadata standard applications in the cultural heritage sectors for Digital Preservation Europe project.

May 2003 Consultant for a scholar
Analysis, design and development of a database application for the management of a bibliography of musical philology interest.
Analysis, design and development of a multidimensional querying application software of "Bibliografia di Spogli dei Periodici Molisani" distributed on CD included in the University of Molise publication: Vincenzo Lombardi, *La vita Musicale a Campobasso e Provincia (1848-1900)*

1994 - 1995 Consultant for a private Ophthalmologist's surgery
Migration, enhancement and implementation of software application for "Ophthalmic Case Histories Management System " (RDBMS Paradox/Windows environment)

1991 - 1992 Consultant for a private Ophthalmologist's surgery
Analysis, design and development of an software application for "Ophthalmic Case Histories Management System" (COBOL language/DOS operating system).

PUBLICATIONS,
PRESENTATIONS
AND INVITED
TALKS

October 2006 **"Compound/complex objects' representations"** presentation at conference "Digital libraries interoperability establishment dissemination and sharing of information resources", Third University of Rome

April 2006 **"Disseminating standards knowledge for building a 'conversating' digital library"** invited talk at presentation conference on the monograph "Standard per le biblioteche digitali" by Daniela Canali Biblioteca Angelica Rome,

February 2006 **"Presentation of a digital libraries Manifesto"** presentation at conference "Digital libraries languages 2nd edition" University of Bologna - Department of History and cultural heritage preservation methods, Ravenna.

December 2005 **"Manifesto per le biblioteche digitali"** Italian national study group for digital libraries (Maurizio Messina, Giovanni Bergamin, Valdo Pasqui, Roberto Raieli, Angela di Iorio), AIB (Association of Italian Libraries), <<http://www.aib.it/aib/cg/gbdigd05a.htm3>>

PUBLICATIONS, PRESENTATIONS AND INVITED TALKS (continuing)	<p>April 2004 Angela Di Iorio, "La biblioteca provinciale 'Pasquale Albino' verso l'infrastruttura dell'informazione digitale", Campobasso</p> <p>A paper monograph on a prototyping project for the implementation of a metadata architecture as fundamental component of a digital information infrastructure. The structure of descriptive, administrative and technical metadata for the digital objects, uses many standards, both international (DC, METS,MIX) and national (MAG)</p> <p>Prototype http://www.provincia.campobasso.it/biblioteca/digitale/, inserted in METS Implementation Registry http://sunsite.berkeley.edu/mets/registry/.</p> <p>April 2004 Presentation at Provincial Library "P.Albino", Campobasso, "S.I.M.B.A.D. prototype" <http://www.provincia.campobasso.it/biblioteca/digitale/progetti/simbad/indexeng.html></p> <p>March 2004 Presentation at University of Molise "Functionality of CD software: 'Banca dati degli spogli dei periodici molisani'" a musical philologist scholar software.</p>
RELEVANT SKILLS	<p><i>Computer languages:</i> Cobol, SQL, 4gl, Objectpal, HTML, CGI/Javascript, Java, PHP/mysql, UML, XML, XSL; RDF/RDFS, OWL</p> <p><i>Operating systems:</i> RED HAT, HP-UX, IRIX, AIX, LINUX, SINIX, DOS, Windows, Windows NT, OS/2, VM/CMS, VMS</p>
LANGUAGES	<p><i>R.D.B.M.S.:</i> Informix SQL/4GL, Paradox for Windows, Access, DB2/6000, MySql</p> <p>Networking: TCP/IP configuration RED HAT platform</p> <p><i>Mother tongue:</i> Italian</p> <p><i>English:</i> advanced level (written and oral) ELS Language Center, New York, June/September 2001</p>
JOB TRAINING	<p>Spanish: advanced level (written and oral) Universidad de Salamanca, August 2002</p> <p>1999 Windows NT 4.0 system administration course by Microsoft education - 5 days</p> <p>1998 SUN Microsystems Italia. Training session of outline of Java graphic 3D - 1 day</p> <p>1997 Courses by IBM Semea - Education.</p> <p> AIX Operating System: advanced course - 5 days</p> <p> Communications TCP/IP - 2 days</p> <p> Analysis and Optimization of AIX operating system performances - 3 days</p> <p>1992 Courses by IBM Semea - Education.</p> <p> SQL/DS: concepts - 3 days</p> <p> SQL/DS: architecture and management - 4 days</p> <p>CSP: Installation and management - 3 days</p>