Curriculum Vitae

Maria Silvia Boi

Personal Data

Date of Birth: 12th of October 1963

Place of birth: Pisa

Nationality: Italian

Current Employment

Business Manager. Responsible for Media and Content Area within the **Business Development Unit** of Engineering Ingegneria Informatica R&D Department

Vice-Chair of the NEM "European Technology Platform".

Professional experiences

1991-1993 Institute of Neuropsychiatric development age" (INPE) Fondazione Stella Maris	has collaborated at the "Istituto di Neuro-Psichiatria dell'Età evolutiva" (INPE) Fondazione Stella Maris, within the psycho-pedagogical research "Aid in computer devices for disabled children ranging from nursery to elementary".
1993-1997 USL5 di Pisa	Teacher in primary and secondary schools to disabled children for the USL (Local Health Units).
September 1996-December 2008 Consorzio Pisa Ricerche.	has worked at Consorzio Pisa Ricerche for functional analysis of software development on UNIX, Windows NT and Windows 95 platforms and multimedia applications within Cultural Heritage and tourism projects carried out by the Informatics and Telecommunication Division (DITEL). Project manager activities, communication and training and business development
June 2001-December 2001 Scuola Normale Superiore di Pisa	Consultant at the Scuola Normale Superiore di Pisa at Research Centre for Cultural Heritage (CRIBECU) for the realisation of a study on legal aspects related to digital object distribution via Internet.
January 2000 – December 2008	Responsible for the Tourism and Territorial marketing at Consorzio Pisa Ricerche

Consorzio Pisa Ricerche	
January 2002 August 2008 Metaware SPA	has worked at METAWARE SPA as responsible of the Business Unit Digital Content and Media services
August-September 2008 University of Glasgow	Consultant at the University of Glasgow (Humanities Advanced Technology and Information Institute) for the organisation and management of the 3th WePreserve Conference "A new generation of preservation tools and services" (Nice, October 2008)
October 2008-October 2009 University of Urbino	Has worked with the University of Urbino for activity such as project management, quality assurance, communication and training at the Faculty of Literature and Philosophy Cultural Heritage Science (Director Mariella Guercio)
February – September 2009 UNESCO	Consultant at UNESCO for the coordination of a pilot set up dealing with digital content preservation related to the cultural world heritage under UNESCO protection.
October 2008 – **On going** Engineering Ingegneria Informatica	Since October 2008 has worked as senior consultant within the Research and Development Division. Since 2013 she is responsible of Creativity, Content and Tourism Area within the Business Development Unit of the Engineering Ingegneria Informatica R&D Department. From 2017 she became Business manager as responsible for Media and CCI business development unit of Engineering R&D Department.

Education

July 1994 Specialisation post-degree: "Diploma di Specializzazione Polivalente per minorati psicofisici, della vista e dell'udito", concerning the specialisation in teaching to psycho-physic impaired, hard of hearing, deaf, and blind students

June 1989 Degree in Foreign Languages and Literature", Faculty of Foreign Languages and Literatures, Pisa University, Italy

July 1982 High School Diploma at Liceo Scientifico "Buonarroti" of Pisa

Other consulting activities

==> RASENNA, (DOCUP –1.7.1. Networks for technology transfer). The project focused on the implementation of a prototypal system to monitor the marketing planning and the management of the relevant cultural resources in remote sites.

==> Riti Culture e Feste (Interreg ALCOTRA) Realisation of a geo-referenciated database to manage information on Rites, Cultural Heritage events, and Feasts organised in the Liguria Region.

==> Member of the Scientific and Technical Committee of the Yachting Lab "Navicelli". Service Centre for nautical science and services.

Educational activities

Teacher of Professional training courses within the EXPertise project on "Basic course on Microsoft office and Internet working for disabled people"

Skill and achievements

- Led a cross-functional team in the successful development and launch of new projects.
- Managed key research and development projects, resulting in innovating portfolio services.
- Coordinated project activities across multiple teams, ensuring timely delivery and high-quality outcomes.
- Served as a Business Development Manager, identifying new research trends and securing strategic partnerships.

Foreign Languages

Good Knowledge of written and spoken Spanish

Excellent Knowledge of written and spoken English

Accomplishment (main projects realisation)

Engineering SPA: main projects

==>   CALLAS , (IST- 6th FP) The CALLAS project (Conveying Affectiveness in Leading-edge Living Adaptive Systems)develops a multimodal architecture including emotional aspects, to support real-world experiments and re-use and targeting new media applications (see generic comment. Could be the place for further explanation/description).

Role: Responsible of training activities in behalf of Engineering from October 2008 to December 2009

==>   PHAROS The PHAROS integrated project (IST 6th) aims to build a next generation audiovisual search platform, to be designed, developed and applied jointly by a consortium consisting of high-profile academic and industrial players with proven track records in innovation and commercial success..

Role: Responsible of training activities in behalf of Engineering from October 2008 to January 2010

==>   GAMES (7PQ, ICT – Green Active Management of Energy in IT Service centres) GAMES is a project aiming at developing a set of methodologies, software tools and services, and innovative metrics for the Energy Efficiency Design and Management of the Data Centres of the next generation (namely IT Service Centres), which will be expected to operate in a cloud oriented computing paradigm.

Role: Communication responsible on behalf of Engineering from October 2009 to April 2010

==>   ASSETS (CIP PSP ICT Advanced Search Services and Enhanced Technological Solutions for the European Digital Library) ASSETS aims to improve the usability of Europeana (the European Digital Library platform) by developing, implementing and deploying large-scale services focusing on search, browsing and interfaces.

Role: Coordination on behalf of Engineering from March 2010 to September 2011, project budget ~ 5ML€, 25 partners from 10 European Countries plus Japan.

==>   Secure! (Bando Unico POR CReO 2007-2013 Tuscany Region). The project aims at implementing emergency crisis management services for the protection and security od cultural assets and critical infrastructure.

Role: Project responsible on behalf of Engineering from January 2013 - ongoing

==>   Cluster Culture and Tourism Dicet-InMoto (PON 2007-20013 Smart Cities and Social Innovation Convergence Regions, DiCet-InMoto aims at the definition and implementation of innovative models, processes and tools for the sustainable development of a smart city through the valorisation of its cultural heritage and natural assets and the commercialisation and promotion of the tourist offer.

Role: Project responsible on behalf of Engineering from January 2013 - ongoing

==>   East-Horizon (FP7-ICT-2013-10 Fostering Dialogue and Cooperation between the EU and EECA in the HORIZON 2020 perspective) The aim of the project is to support the dialogue between EU countries and EECA and to promote the participation of EECA countries in the H2020 calls.

Role: Project responsible on behalf of Engineering of the synergy between NEM ETP and the EECA countries, from January 2013 to June 2016.

==>   VitalMedia (H2020-ICT-2015 Vision, Insights and Trends for Awareness and Leadership in Media). The objective of the project is to consolidate a visible and sound community across Europe (Member States and Associated Countries)

for the Convergence and Social Media industry, building on existing European platforms and networks, such as the NEM Initiative, European Creative Industry Alliance and cluster networks (

Role: Responsible on behalf of Engineering for the policy dialogue between Policy makers and the CCI and media sector.

==> LASIE (SEC-2013.1.6-1 "LArge Scale Information Exploitation of Forensic Data") Design and development of a technological framework to assist forensic analysts in their investigations.

Role: Coordinator on behalf of Engineering (May 2014 – 2018), project budget ~ 8ML€, 18 partners from 10 European countries.

==> STORM (H2020-DRS11-2015 "Safeguarding Cultural Heritage through Technical and Organisational Resources Management") STORM aims at defining, developing and assessing a technological integrated framework providing critical collaborative decision making tools and methodologies to all European Cultural Heritage stakeholders to better act in the prevention (to mitigate the effect of climate phenomena) and intervention (when a disaster occurs) phases.

Role: Coordinator on behalf of Engineering (May 2016 – on-going) **project budget ~ 8ML€, 20 partners from 10 European countries.**

==> CPN (H2020 ICT-19-2016: Media and Content Convergence) Content Personalisation Network. The challenge is to enable a better delivery of news, insights and informations in the right format at the right time, and better contextualized to the media consumer.

Role: Project responsible on behalf of Engineering (Septembre 2017 – on-going)

==> H360 (H2020 ICT-19-2016: Media and Content Convergence)

Role: Support to the cooordination on behalf of Engineering (Septembre 2017 – on-going)

==> HeasyTV (H2020 ICT-19-2016: Media and Content Convergence)

Role: Support to the project manager on behalf of Engineering

==> FANDANGO (ICT-14-2016-2017 Big Data PPP): cross-sectorial and cross-lingual data integration and experimentation). FAke News discovery and propagation from big Data ANalysis and artificial intelliGence Operations. Brilliant

Role: Coordinator on behalf of Engineering (January 2018 – on-going project budget ~ 3ML€, 8 partners from 7 European countries.

==> So-Close (H2020-SC6-TRANSFORMATIONS-2019):The ambition of the project is to contribute to social cohesion and fight refugee marginalization or exclusion by facilitating the encounters between similar life stories, through the mediation of innovative digital and artistic tools.

Role: Support to the project manager on behalf of Engineering

==> Titan (HORIZON-CL4-2021-HUMAN-01): TITAN delivers an open, distributed and citizen engaging ecosystem which empowers the citizen itself to conduct effective and efficient investigations for understanding whether statements at hand are true. Empowerment is achieved by means of intelligent coaching on the process of investigation.

Role support to the coordination

==> Dafne+ (HORIZON-CL2-2021-HERITAGE-01-03) DAFNE + aims to create new distributed autonomous organizations/communities (DAO) around digital tokens and NFT, with a decentralized governance where cultural and creative industries (CCI), as be a driver of innovation and competitiveness, can play a role in the community governance and deciding on the rules of the community

Role: Support to the project manager on behalf of Engineering

==> SUN: Social and hUman ceNtered XR ((HORIZON-CL4-2021-HUMAN-14): The project aims at investigating and developing extended reality (XR) solutions that integrate the physical and the virtual world in a convincing way, from a human and social perspective. The virtual world will be a means to augment the physical world with new opportunities for social and human interaction.

Role: Project Manager on behalf of Engineering

==> CHANGES: Cultural Heritage Active Innovation for next Generation Sustainable Society. CHANGE's main goal is to develop those fundamental synergies of action, without which the valorization of CH would be ineffective and economically unsustainable.

Role: Project Manager on behalf of Engineering

Metaware: main projects

Main projects:

==> MedContinent Medical Collaboration Environment for Continuity of Care through Networked Services. (eTen Programme) the project uses Information Technology to give a new dimension in Home Care Service provision so as to offer comprehensive services that offer the elderly and the disabled the opportunity to significantly improve everyday living standards

Role: Project responsible on behalf of Metaware from June 2002 to May 2004

==> CHANCE (TenTELECOM) project, whose aim is the valorisation throughout Internet of the Cultural heritage for the educational and tourism Market.

Role: Project responsible on behalf of Metaware from February 2001 to January 2003

==> IRENE: Innovative TouRism Business Approach Enabled by Federated Service NEtwork Project funded within the EU TEN-Telecom programme, whose aim is the validation of a new business model for the tourism market focusing on the DMO (Destination Marketing Organisation) and on the federated services concept.

Role: Project responsible on behalf of Metaware from October 2001 to March 2003

==> TNT: (Trusted Network for on line Trading) (eConten project). TNT main objective is to develop a sizeable demonstration project on the on-line cultural e-content trading. Its solution is based on a specific concept of trusted value-added network, which embeds Public Cultural Heritage Authorities and other players of the e-Content business chain.

Role: Project responsible on behalf of Metaware from September 2002 to August 2004

==> SIPARIO - ==> SIPARIO Project funded by the Tuscany Region (DOCUP – 2.8.4). The project aimed at implementing a multi-channel service to provide cultural and local services' information to citizens and tourists. The services are provided through Internet and mobile devices.

Role: Project responsible on behalf of Metaware from January 2005 to August 2006

==> BRICKS: BRICKS (Building Resources for Integrated Cultural Knowledge Services) an IST Integrated Project co-financed within the 6th FrameWork Program of the European Commission (IST 6th FP). The main objective of BRICKS is the setting up of an open platform for the interoperability of Digital Content and integration of Services in order to unify, preserve and facilitate the access to all the services in the Cultural Heritage sector.

Role: Project responsible on behalf of Metaware and Communication Director from January 2004 to September 2007

==> DIVINO, the 'DiVino' project (eServices for improving SMEs competitiveness in the European Wine Industry), cofunded by the EC under the eTen programme, aimed to validate a mixed private-public business model based on a) commercial activities in wine-territories and b) institutional activities of the public bodies committed to the territory, making use of Internet and telecommunication networks.

Role: Project responsible on behalf of Metaware from June 2005 to MArch 2007

==> CASPAR,(IST 6th FP) Cultural, Artistic and Scientific knowledge for Preservation, Access and Retrieval, the project main objective is to build up a common preservation framework for heterogeneous data and a variety of innovative applications covering a wide range of disciplines from science to culture to contemporary arts and multi-media.
Role: Project responsible on behalf of Metaware and Communication Director from April 2006 to July 2008

CPR: Main Projects

==> RISE Caring for the elderly in the Information Society Era (TIDE). The project aimed to improve healthcare, quality of life and break the barriers of isolation of the elderly people by implementing applications and technology guiding their participation in the global community created by the in-formation society.

Role: Project responsible on behalf of Consorzio Pisa Ricerche from April 1997 to March 2000

==> HEALTHLINE securing the success of health telematics projects implementation of tele-health through information dissemination and training (TELEMATICS). The project aimed to strengthen the possibility of a successful outcome of Tele-health implementation by specific projects in the European Union by providing the expert Training

and Information dissemination services to providers, beneficiaries and the general public, using the Telehealth systems and infrastructure applied by those projects.

Role: Project responsible on behalf of Consorzio Pisa Ricerche from January 1998 to June 2000

==> TRADEX: TRADEX (TRial Action for Digital object Exchange) IST-1999–21031. A trail action for the exchange of digital object in the cultural heritage sector. TRADEX aims at the adaptation and introduction of leading edge technology (promising but not yet fully established) in industrial/service applications and its joint evaluation.

Role: Project responsible on behalf of Consorzio Pisa Ricerche from June 2001 to May 2003.

==> ANSER: ANciennes routeS maritimEs méditeRranéennes (INTERREG IIIB MEDOCC-Méditerranée Occidentale). The ANSER project objective is the valorisation of the sub-marine archaeological heritage through the ancient port and arsenal for a sustainable development of the involved territories.

Role: Project responsible on behalf of Consorzio Pisa Ricerche from April 2004 to December 2006.

==> Navigation du Savoir: (EUROMED HERITAGE II project), whose objective focuses on the promotion, dissemination and valorisation and safeguard of the resources of the historical-archaeological heritage of the Mediterranean arsenal. Scientific coordination by UNESCO.

Role: Project responsible on behalf of Consorzio Pisa Ricerche from April 2002 to December 2005

==> Musée Ouvert Méditerranéen The project, funded within the Interreg IIIB Medocc Programme of the European Commission. The main objective of the project is the use of the Information and Communication technologies to exploit the Cultural Heritage. Development of an audio guides for mobiles in order to promote the territorial marketing and the tourism local development.

Role: Project responsible on behalf of Consorzio Pisa Ricerche from March 2006 to August 2008

==> MERCATOR within Interreg IIIB MEDOCC Programme» Route des Marchands, Villes des Marchés en Méditerranée » The project main object is the valorisation of commercial maritime and land ancient routes of the Mediterranean basin from Romanian age to nowadays. Consorzio Pisa Ricerche with the Municipality of Pisa is responsible of the realisation of educational paths for the valorisation of historical assets of the city of Pisa

Role: Project responsible on behalf of Consorzio Pisa Ricerche from June 2006 to August 2008

==> "SUP": Regional project focusing on the Prevention one-stop shops with the aim to implement a software application for the management of Prevention One-stop Shops for the Pisa, Massa and Livorno provinces..

Role: Project responsible on behalf of Consorzio Pisa Ricerche from March June 1998 to December 1999.

==> "SUAP" Support for the One-stop shop management. The main object is knowledge acquisition on one-stop shop procedure and their implementation, and the functional specification of an integrated system, accessible via Internet, where all the involved actors can interact in the one proceeding.

Role: Collaboration for the user requirement definition on behalf of Consorzio Pisa Ricerche from October 1999 to August 2000.

==> SITI-UP – PISA eTscana 2004 linea 2. The project, funded by the Tuscany Region, dealt with the municipal one-stop shops for economic activities supplied both the administrative network that modelled the functional requirements of the prototype, and the perspective of a test bed for its implementation. The project focused on the implementation of a software application accessible on-line to allow all the involved actors to share information and operate simultaneously in one proceeding.
Role: Project responsible on behalf of Consorzio Pisa Ricerche from January 2005 December 2007

Some publications:

F.Nucci, S. Boi, E. Sciacchitano, R.Gagliardi, "A European co-operation for Legal and Organisational aspects on Art and Culture on-line access", EVA 2001, Berlin.

C. Bay, S. Boi, L. Giovannetti, F. Nucci, "I primi risultati di un progetto in corso: Chance (Cultural Heritage Access through Networked ServiCes)".

Francesco S Nucci, Silvia Boi, " A European Network for Cultural Heritage Contents" (EVA CHINA 2002, Pechino)

Roberto Gagliardi, Silvia Boi, Claudio Prandoni, Roberto Caldelli "Trading cultural digital objects: the Tradex project" EUROCHINA Conference Aprill 2002)

Silvia Boi, Roberto Gagliardi, Francesco S. Nucci, "BRICKS: The European Digital Library" (EVA Florence 2004).

Silvia Boi, Francesco Nucci, Marcella Aglietti, Carmen Occhipinti, An innovative solutions for the new generation of Digital Libraries. (EVA Florence 2005)

Silvia Boi, M.Aglietti, Patrizia Minari, The BRICKS Community: why and how to join (EVA Mosca dicembre 2005)

Silvia Boi, Emily Nimmo, Report from the 3rd Annual WePreserve Conference: A new Generation of Preservation Tools and Services 28-30 October 2008 (The International Journal of Digital Curation, December 2008)

de Wit, Rosmarie; Ravankhah, Mohammad; Zuvela-Aloise, Maja; Birkmann, Jörn; Patrikakis, Charalampos; Resta, Vanni; Boi, Silvia; Services to protect cultural heritage against climate change: the STORM project (open access) https://zenodo.org/record/2560156#.XQp0gdMzYWp

Fabio Perossini, Silvia Boi, MC Capua, Digital Preservation (challenges, preparedness and reaction), November 2020, IOP Conference Series Materials Science and Engineering 949:012112 Follow journal, DOI: 10.1088/1757-899X/949/1/012112, LicenseCC BY 3.0,

Silvia Boi, MC Capua, Fabio Perossini, The STORM experience (the importance of preparedness in natural disaster facing), November 2020. IOP Conference Series Materials Science and Engineering 949:012100 Follow journal, DOI: 10.1088/1757-899X/949/1/012100, LicenseCC BY 3.0

Vanni Resta, Silvia Boi, Maria João Revez, Charalampos Z. Patrikakis, (et al), CULTURAL HERITAGE RESILIENCE AGAINST CLIMATE CHANGE AND NATURAL HAZARDS Methodologies, Procedures, Technologies and Policy improvements achieved by Horizon 2020 - 700191 STORM project, July 2019. Publisher: Pisa University Press ISBN: 978-883339-2394. Project: STORM - Safeguarding Cultural Heritage through Technical and Organizational Resources Management

Francesco Saverio Nucci, Silvia Boi and Massimo Magaldi. *Artificial Intelligence against disinformation: the FANDANGO practical case,* INTERNATIONAL FORUM ON DIGITAL & DEMOCRACY, December 2020

International Events Organisation

==> EMMSEC 1997, eBusinees Conference, Florence 1997. International Conference around 400 participants

==> BRICKS- Presto Space: Workshop on: different perspectives on Technology Based Innovation Amsterdam, October 2005, International Workshop around 60 participants.

==> BRICKS, workshop within EVA Mosca December 2006 "Culture and Information Society Technologies. Century XXI" around 40 participants.

==> BRICKS: the European solution for the Cultural Heritage services, Conference and training courses, Lisbon, May 2006 around 40 participants.

==> Seminar Open Museum: "Information and Communication Technology and Cultural Heritage; Pisa March 2007 around 50.

==> Mercator Pisa, Seminar "ICT applied to Cultural Heritage", Pisa March 2008 around 60 participants.

==> CALLAS Workshop: Digital Technologies and Theatres, at Teatro Massimo of Palermo, May 2007, around 50 participants

==> WePreserve Conference, International Conference on Digital preservation, Nice 28-30 October 2008.

==> PHAROS Summer School, The European audiovisual search platform. Como, 22-26 June 2009.

==> ASSETS at SPIRE 2011, workshop on Advanced search services for Europeana, Pisa October 2011

==> Innovation4culture 2012, workshop on Innovation services for Cultural Heritage, Luxembourg 2012

==> NEM Summit (Annual from 2014 -ongoing)

==> Meet the Future, Brussels 2023

She has been a speaker and chairman at different conferences presenting projects and activities in the Media, Cultural, and Creative domains.

Pisa 15 Gennaio 2024