

## PERSONAL INFORMATION

## Stefano BIANCHI

**CURRENT POSITION** **Research & Innovation Manager – Data Protection Officer (DPO)****BUSINESS SECTOR** Information & Communication Technology – Research & Innovation

## WORK EXPERIENCE

**ORGANIZATIONS** algoWatt S.p.A., Genoa (ITALY) – [www.algowatt.com](http://www.algowatt.com) [ 2020 – 2024 ]Softeco Sismat S.r.l., Genoa (ITALY) – [www.softeco.it](http://www.softeco.it) [ 2002 – 2020 ]**ROLES**  
(latest on top)**Research & Innovation Manager**

Since 2020 I oversee managing and steering the Research & Innovation department of an ICT solution provider and system integrator company, with a team of ~20 interdisciplinary researchers, directly reporting to the CEO. I manage an average ~1,3 MEUR yearly budget and coordinate technical (design, development, test, validation), administrative (reporting) and scouting (tenders/calls) activities for research projects. In 2022 only, I was directly involved in 10+ research project proposals, finally raising ~1.5 MEUR funding.

**Data Protection Officer (DPO)**

Since 2020 I ensure that my organisation processes the personal data of its staff, customers, providers etc. (as data controller or data processor) in compliance with applicable data protection rules (in particular, EU Regulation 679/2016 GDPR), particularly in relation to ISO:9001 and ISO:27001 audits and certifications (Integrated Information Management Framework).

**Project Coordinator**

Since 2017, as a Project Coordinator, I am responsible for overall technical and administrative management and steering of National and European research projects, with formal responsibilities for official reporting to funding authorities (e.g., European Commission).

**Research Team Leader**

As a Research Team Leader (=senior researcher + analyst programmer) I was responsible for technical coordination of ICT research projects, from proposal writing/fund raising up to technology selection/evaluation and architecture/software design, strongly committed to innovation.

**Analyst Programmer**

As an analyst programmer I was mainly involved in architecture/software design and implementation, with a strong focus on Java-based platforms and environments.

**Programmer**

As a Programmer I was involved in several research projects with a strong focus on web platforms and portals for the provision of information services, digital content delivery, knowledge management in several areas (biomedical, science, nature, ecc).

**PROJECTS**  
(latest on top)**Research & Innovation website***January 2008 – Present*

In collaboration with the Marketing & Communication Department, I designed, developed and maintained the company's Research and Innovation website to present information on the 125+ European and National research projects and summarize the main technical competences therein developed to foster further collaborations.

**SIESTA – Secure Interactive Environments for SensITive data Analytics***January 2024 – today*

Providing access to data is a cornerstone of Open Science, but facilitating access is not enough for promoting reproducible scientific research. Proper metadata and documentation should accompany the data in order to make them usable: the FAIR Guiding Principles for Scientific Data management and stewardship provide a roadmap to enable proper access and reusability of scientific data, and thus their implementation in the research data life cycle is a key goal of the European Open Science Cloud (EOSC). SIESTA will enable sensitive data users/researchers/stakeholders with a set of tools, services and methodologies to enable the effective sharing of sensitive data so that researchers and data scientists can productively exploit those data assets. Following a cloud-based model and approach, SIESTA will provide user friendly tools with the aim of fostering the uptake of sensitive data sharing and processing in the EOSC. The SIESTA overall goal is to deliver trusted cloud-based environments for the management and sharing of sensitive data that are built in a reproducible way, together with a set of services and tools to ease the secure sharing of sensitive data in the EOSC, through state-of-the-art anonymization techniques. The SIESTA platform will focus on usability as well as reproducibility, to provide a low entry barrier for new users and data stakeholders, as well as providing researchers with a way to replicate analysis environments.

[In SIESTA, I am the company reference contact point for the coordination of technical activities related to the provision of a data hub for the proper privacy-compliant management of Energy Communities.](#)

**ResilMESH – Situation Aware enabled Cyber Resilience for Dispersed, Heterogenous Cyber Systems***October 2023 – today*

ResilMesh will develop a cyber situational awareness-based Security Orchestration and Analytics Platform Architecture (SOAPA) to improve digital infrastructure resilience with these objectives:

1. Improving end-to-end data aggregation and security control interoperability in dispersed digital infrastructures
2. Giving CSIRTs better awareness of the service and asset dependencies of their network
3. Helping CSIRTs to build cyber resilience capacity
4. Developing AI based algorithms and tools for attack detection and prediction
5. 5: Developing a situation assessment system to view and forecast network level risk

ResilMesh will build a SOAPA platform by combining existing security controls and other tools from consortium participant with readily available open-source elements. It will develop algorithms and software tools in the project and will integrate these with the platform to form a complete SOAPA system. It will validate the operation of the ResilMesh system through use cases in different infrastructure categories and five open call use cases. These 8 pilots will ensure that the platform is evaluated across a wide range of critical infrastructures. ResilMesh develops AI based algorithms to improve attack detection and prediction for endpoint and network traffic; it helps CSIRTs deal digital infrastructure complexity and heterogeneity by providing tools to give them better awareness of environment dependencies, threats and risk while preserving privacy. It increases the reliability and granularity of shared threat intelligence to improve context for threat hunting and cyber forensics incident response leading to more robust decision making. Finally, it provides a suite of best practices to build cyber capacity to improve resilience preparation.

[In ResilMESH, I am the company reference contact point for the coordination of technical activities related to the provision of a dedicated Use Case in the domain of PV plants Operation & Maintenance.](#)

**MASTERPIECE – Multidisciplinary Approaches and Software Technologies for Engagement, Recruitment and Participation in Innovative Energy Communities in Europe***January 2023 – today*

Energy communities hinge on the open participation of members and the local community. There are thousands of energy communities in Europe. Providing support for the creation and development of energy communities on a local scale is top priority in the EU. In this context, the project will create a digital coordination and cooperation arena that will facilitate the creation and operation of energy communities throughout Europe. The project's overall objectives are to empower traditional energy consumers and to make them active agents of collaborative energy communities. It will also create user-centric solutions based on participatory approaches such as cocreation and naturally accelerate citizens' involvement. MASTERPIECE will demonstrate the applicability of methodological, technical and business innovations in several real-life pilots.

[In MASTERPIECE, I was the Project proposal coordinator and managed the Grant Preparation process with the European Commission. Operationally, I am the company reference contact point for the coordination of technical activities related to the provision of solutions for management of Energy Communities.](#)

**FLEXCHES – Flexibility services based on Connected and interoperable Hybrid Energy Storage System***November 2022 – today*

Generating electricity using renewable energy sources instead of fossil fuels significantly helps reduce greenhouse gas emissions and addresses climate change. However, power output from renewable sources is variable, depending on the weather conditions. Smart management of flexible resources and loads could greatly help increase the contribution of renewable sources to power generation. By aggregating hybrid energy storage systems, the project will enhance grid stability and boost the efficiency of installations by providing a range of ancillary services for both the distribution and transmission networks. FlexCHES cutting-edge solutions for improving the storage capacity and resilience of smart grids will be based on the digital twin concept, virtual energy storage systems and distributed ledger technology.

[In FlexCHES, I am the company reference contact point for the coordination of technical activities related to the provision of solutions for optimal flexibility management of Hybrid Storage.](#)

**THUMBS-UP – Thermal energy storage solutions to optimally Manage Buildings and Unlock their grid balancing and flexibility Potential***January 2023 – today*

Thermal energy storage (TES) makes it possible to store energy for use days or months later. TES technology stocks thermal energy by heating or cooling a storage medium. The project will develop and demonstrate daily and weekly TES for EU buildings. By innovating at different levels, from modelling to materials and enhancing heat exchanger solutions, the project will design high-performance TES solutions in line with EU sustainable economy goals. Specifically, it will create bio-based phase change materials from raw materials currently wasted in the EU food industry and thermochemical materials relying on non-hazardous materials. The project will set up three demo sites in Spain and Sweden – in different EU climates and energy market contexts.

[In THUMBSUP, I am the company reference contact point for the coordination of technical activities related to the provision of solutions for Building Energy Management Systems.](#)

**TRUSTONOMY – Building Acceptance and Trust in Autonomous Mobility***May 2019 – July 2022*

The vision of Trustonomy (a neologism from the combination of trust + autonomy) is to raise the safety, trust and acceptance of automated vehicles by helping to address the aforementioned technical and non-technical challenges through a well-integrated and inter-disciplinary approach, bringing domain experts and ordinary citizens to work closely together. Trustonomy investigates, sets-up, tests and comparatively assesses, in terms of performance, ethics and acceptability, different relevant technologies and approaches in a variety of autonomous driving and RTI scenarios, covering different types of users (in terms of age, gender, driving experience, etc.), road transport modes (private cars, trucks, buses), levels of automation (L3 – L5), driving conditions, etc.

[In TRUSTONOMY, I was the Project Coordinator responsible for the overall management of project activities and formal reporting to the funding entity.](#)

**VIRTUS – Virtual Management of Distributed Energy Sources***June 2018 – May 2022*

The project has the main objective to develop and implement a Virtual Power Plant in industrial contexts aimed both at the economic-energetic optimization and to service provisioning on the energy market. The project considers and validates the entire value chain on real industrial and public administration districts. The project objective is to prove the techno-economic feasibility of the synergic coordination of distributed resources for the local energy optimization and the delivery of services to different (regulated or liberalized) actors of the energy system. The project is devoted to perform an analysis of the current devices already present on the market (meters, gateways etc) and the development of an innovative techno-economic architecture for implementing business models for new services on the electric system. The architecture will have scalability and replicability features and will be potentially applicable at different geographical, economic and regulatory contexts. The demonstration phase will have a significant role in the project by using three real industrial and tertiary sites that cover the entire value chain of energy services.

[In VIRTUS, I was the Project Coordinator responsible for the overall management of project activities and formal reporting to the funding entity.](#)

**ANASTACIA - Advanced Networked Agents for Security and Trust Assessment in CPS/IoT Architectures***January 2017 – December 2019*

ANASTACIA is a H2020 project researching, developing and demonstrating a holistic solution enabling trust and security by-design for cyber physical Physical systems Systems (CPS) based on IoT and cloud architectures. To this end, ANASTACIA will develop a trustworthy-by-design security framework which will address all the phases of the ICT Systems Development Lifecycle (SDL) and will be able to take autonomous decisions through the use of new networking technologies such as Software Defined Networking (SDN) and Network Function Virtualisation (NFV) and intelligent and dynamic security enforcement and monitoring methodologies and tools.

The ANASTACIA framework will include: i) a security development paradigm based on the compliance to security best practices and the use of the security components and enablers (this will provide assisted security design, development and deployment cycles to assure security-by-design); ii) a suite of distributed trust and security components and enablers, that are able to dynamically orchestrate and deploy user security policies and risk-assessed resilient actions within complex and dynamic CPS and IoT architectures (online monitoring and testing techniques will allow more automated adaptation of the system to mitigate new and unexpected security vulnerabilities); iii) a holistic Dynamic Security and Privacy Seal, combining security and privacy standards and real time monitoring and online testing (this will provide quantitative and qualitative run-time evaluation of privacy risks and security levels, which can be easily understood and controlled by the final users).

[In ANASTACIA, I was the Project Coordinator responsible for the overall management of project activities and formal reporting to the European Commission.](#)

**PODCAST - Platform for the Optimization of Distribution by means of smart meter data and distributed power storage***May 2017 – Present*

The project aims at providing innovative operational tools for the use of distribution-networks monitoring data at various levels (measures in primary stations and substations, smart metering in LV, state estimation through direct monitoring, and pseudo-measures), in order to provide services to: i) Distribution System Operator (DSO): development of algorithms for the optimization of distribution-network operational management - regarding the large-scale introduction of non-programmable renewable sources (especially, PV) - by using controllable storage systems alongside to the control of reactive-component compensation systems; super-conductive based technologies are excluded from the project. ii) Transmission System Operator (TSO): development of functionalities for aggregating and formalizing technical/operational information about the distribution network structure and state; the DSO can provide such information for the optimization of dispatching policies (load profile and local production); iii) Production and Load Aggregator (PLA): development of functionalities for modeling and managing heterogeneous electric loads and distributed generation – particularly effective for the use of smart-meter data - with reference to the development of autonomous Energy Communities, including of residential, industrial, and service-sector users.

The project will implement these innovations exploiting the state-of-the-art technologies for data measuring and transmission, focusing on value-added features that can be provided based on the modeling and analysis of the big amount of data available, collected by electronic meters (big-data mining). In particular, strategies for management and control of electric and hydric storage-system and policies of Demand Side Management will be pursued.

[In PODCAST, I was the Project Coordinator responsible for the overall management of project activities and formal reporting to the funding authority \(CSEA\), and leader of WP4 "Technical integration and preliminary validation".](#)

**TELL ME - Technology Enhanced Learning LivingLab for Manufacturing Environment***November 2012 – October 2015*

TELL ME is a European-funded research Integrated Project (IP) to improve training in small and medium-sized manufacturing environments by using the latest technologies and insights. TELL ME aims to develop and trial an innovative cross-enterprise methodology and IT platforms for continuous education and training in small and medium manufacturing environments, in ways that can address more business needs than traditional training. This responds to the EU 2020 strategy as indicated in flagship initiatives such as "An Agenda for new skills and jobs", "An industrial policy for the globalisation era", "Innovation Union" and "Digital Agenda for Europe".

[In TELL ME, I was the Coordinator of WP6 "Architecture, Integration and Testing" and responsible for the development of several Internet-of-Services \(IoS\) platform components.](#)

**SmartGen - Study, development and validation of methodologies and tools for the management of active power distribution networks including renewable energy sources**(Link)EditRe-order section*January 2011 – June 2014*

SmartGen will propose electric power and control system solutions for an intelligent management of generation and electric loads in active distribution networks equipped with small and medium size generators and storage units so as to meet technical and economic constraints.

SmartGen will define the architecture of a Distribution Management System (DMS) for portions of electric distribution networks capable of managing problems of optimization, power flow control, voltage control, supply of auxiliary services from distributed generators and loads: 1) control logics for compensation devices will be developed in order to mitigate grid disturbances; 2) possible emergency conditions and restoration procedures will be analyzed; 3) innovative protections systems will be analyzed and proposed.

*In SmartGen, I technically coordinated the integration activities of the prototype of the Distribution Management System (DMS) and designed the CIM (Common Information Model) Server used to exchange and translate data within the DMS.*

**GLIMS - Genomic Laboratory Information Management System***July 2010 – July 2011*

Newest genomic and molecular biology technologies – together with the creation of platforms specifically dedicated to genotyping and sequencing techniques – recently brought an exponential growth of biological data hardly imaginable – both from a quantitative and from a qualitative point of view – just a few years ago. On one side, large biological data sets allow to express strong analytical potentialities and to improve biomedical research results, on the other side they raise problems related to biological sample management, sample and data quality control, long term storage and preservation. The project aimed at implementing a Genomic Laboratory Information Management System (GLIMS) able to homogenize, formalize and integrate wet (sample management) and dry (data analysis) laboratory workflow processes, in order to 1) improve research centre productivity and competitiveness, 2) improve laboratory process workflows, and 3) manage data provided by Next Generation Sequencing and Whole Genome Genotyping.

*In GLIMS, I coordinated all design, development and testing activities for the Genomic Laboratory Information Management System (GLIMS) prototype delivered.*

**ACCESSIBLE - Accessibility Assessment Simulation Environment for New Applications Design and Development***September 2008 – August 2010*

Accessibility is an urgent issue nowadays. Authorities and experts are putting a lot of effort on pushing forward accessibility of software applications but, despite this fact, ICT applications and systems are not fully accessible yet. The triggering idea behind ACCESSIBLE was to contribute for better accessibility for all citizens, to increase the use of standards, and to develop an assessment simulation environment (including a suite of accessibility analysing tools as well as developer-aid tools) to assess efficiently, easily and rapidly the accessibility and viability of software applications for all user groups. ACCESSIBLE exploited the technologies behind the recent expansion of accessibility tools and standardisation methodologies, in order to provide an integrated simulation assessment environment for supporting the production of accessible software applications mobile or not.

The project intended to allow large organisations, SMEs or individuals (developers, designers, etc.) to produce software products of superior accessibility and quality, accompanied with appropriate measures and proposals for best practice. The proposed system was demonstrated in four pilots of ACCESSIBLE for the assessment of: a) Mobile applications (including JavaFX Scripts), b) Web applications, c) Web services (mainly focusing on infomobility services), and d) description languages (e.g. UML, SDL, etc.).

*In ACCESSIBLE, I technically coordinated the Web Service Infomobility pilot and largely contributed to the design of exploitation and business plans.*

**Hypergenes - Building a method to dissect complex genetic traits using essential hypertension as a disease model***January 2008 – December 2011*

The project focused on the definition of a comprehensive genetic epidemiology model of complex traits like essential hypertension and intermediate phenotypes of hypertension dependent / associated Target Organ Damages (TOD): the aim was to develop an exhaustive model to disentangle the genetic bases of a complex disease using population genetic epidemiology as a methodological tool. The technology was focused on the design and the implementation of an infrastructure which supports the complex genetic and clinical data collection and analysis, the Biomedical Information Infrastructure (BII). The BII integrated the clinical, environmental and genomic data sent from the various historical cohorts participating in the Hypergenes project. The BII stored existing data and newly created information and knowledge, and provided efficient access mechanisms for research and healthcare users. It enabled the data entry, integration and correlation of data sets residing in diverse formats and vocabularies, scattered in disparate geographical cohorts of essential hypertension subjects from European countries, and was aligned with the IHE Cross Enterprise Document Sharing (XDS) profile and used a Service Oriented Architecture (SOA)

*In Hypergenes, I was involved in the design and the development of the Biomedical Information Infrastructure (BII) and in the definition of the semantic model for data harmonization.*

**AquaRing - Accessible and Qualified Use of Available Digital Resources about Aquatic World In National Gatherings***October 2006 – March 2009*

AQUARING addressed the cultural/scientific sector of marine and aquatic sciences with the aim at setting up a comprehensive digital content collection to integrate and harmonise original contents provided by science centres, natural history museums and aquariums in Europe.

Advanced semantic web technologies supported the creation of a unified access portal to a distributed content collection improving access to and use of a large content base which was otherwise hidden and difficult to exploit. Over 16,000 digital media contents were semantically tagged using 5 ontologies modelling different contexts.

*In Aquaring, I technically coordinated the design, implementation and validation of the whole web infrastructure for semantic content management, with particular emphasis on web UI, semantic retrieval and implementation of virtual content exhibitions.*

**EuroWorksafe - European semantic portal on occupational cancer risks and prevention***September 2006 – February 2008*

The project aimed at the market validation of the EuroWorksafe web portal, which provided comprehensive information and consultancy on occupational health and safety, with focus on cancer risks and prevention at workplaces.

A wide and interdisciplinary content base in the addressed domain was made accessible - contents were provided and maintained by five scientific institutes dealing with cancer and occupational health - and value added services provided by qualified experts from several European countries were offered on purchase.

An up-to-date knowledge management approach based on domain semantics supported easy-to-use and guided access to available services.

Consultancy services delivered on payment sustained the initiative exploiting the expertise available at the qualified organizations participating in the consortium.

The target users included workers and citizens – mainly interested in free information services - as well as professionals from private companies and public organisations.

*In EuroWorksafe, I technically coordinated the adaptation and further development of the service prototypes developed in the previous Worksafe project for semantics-based content retrieval to allow the market validation of the whole system.*

**EuOrphan - Service for the support of the European orphan medicine market***January 2005 – December 2006*

EuOrphan aimed at validating a web service for the distribution of a complete set of information concerning medicines (orphan drugs) designated and/or commercialized both in EU and non EU countries for the treatment of rare diseases.

The project thus supported the European Legislation which came into force across the European Union in April 2000, to encourage commercial companies (with particular reference to the SMEs) to bring orphan medicines to the market and to support the availability of orphan drugs to EU patients.

*In EuOrphan, I technically coordinated the design, development and testing of the whole web platform for search and delivery functionalities of information on orphan drugs.*

### **K-Wf Grid - Knowledge-based Workflow System for Grid Applications**

*September 2004 – March 2007*

The Knowledge-based Workflow System for Grid Applications (K-Wf Grid) aimed at enabling the knowledge-based support of workflow construction and execution in a Grid computing environment. In order to achieve these objectives the envisaged system was designed to:

- > semi-automatically compose a workflow of Grid services;
- > execute the composed workflow application in a Grid computing environment;
- > monitor the performance of the Grid infrastructure and the Grid applications;
- > analyse the resulting monitoring information;
- > capture the knowledge that is contained in the information by means of intelligent agents;
- > reuse the knowledge gathered to efficiently construct workflows for new Grid applications.

[In K-Wf Grid, I worked on the realization of the pilot in co-ordinated traffic management \(workflow creation and management in handling different complex traffic planning and management tasks - jam emergency management and mid/long term planning\).](#)

### **Worksafe - European Digital Content Sharing Services for Health Protection of Workers and Workplace Safety**

*September 2002 – March 2004*

The WORKSAFE project aimed at improving access to and use of the large amount of data related to the broad sector of health protection of workers and workplace safety and available in many European public sector organisations, including research institutes, public health institutions and hospitals.

The actions undertaken by WORKSAFE were in line with main principles for the development of public health policy within the EU, particularly as regards the selected target sector: workplace risks and protection as far as cancer and degenerative diseases are concerned.

[In Worksafe, I designed and developed the presentation layer of the system with particular emphasis on semantics-based services such as ontology editors and browsers for knowledge modeling and enhanced content retrieval.](#)

## EDUCATION AND TRAINING

---

<b>1996 - 2002</b>	<b>Biomedical Engineering</b> University of Genoa, Genoa (ITALY) <ul style="list-style-type: none"> <li>▪ Degree in Biomedical Engineering (110/110)</li> <li>▪ Honorable mention "Just in time"</li> </ul>	EQF level: 7
<b>1991 - 1996</b>	<b>High School Diploma</b> Liceo Scientifico Statale "M.L.King", Genoa (ITALY) <ul style="list-style-type: none"> <li>▪ High School Diploma – Math and Science (60/60)</li> </ul>	EQF level: 4

## PERSONAL SKILLS

---

**Mother tongue** Italian

Other language(s)	UNDERSTANDING		SPEAKING		WRITING
	Listening	Reading	Spoken interaction	Spoken production	
<b>English</b>	C2	C2	C2	C2	C2
	No certificate.				
<b>French</b>	B1	A1	A1	A1	A1
	No certificate.				

Levels: A1/2: Basic user - B1/2: Independent user - C1/2 Proficient user  
Common European Framework of Reference for Languages

**Communication skills** Excellent communication skills gained through my experience as research team leader and project coordinator (presentation to meetings, conferences, review meetings with Funding Authorities and external reviewers, networking and b2b matching events).

**Organisational skills / managerial skills** The close collaboration with heterogeneous professionals (scientific research, ICT, universities, entertainment, marketing) at the international level has allowed him to hone interpersonal skills with diversified sectors already developed during university studies, supported by a markedly proactive, collaborative and naturally sociable disposition.  
I have a natural attitude for the definition, organization and programming of activities, priorities, deadlines, roles and responsibilities, supported by a recognized ability to manage teams, guided by methodical order and precision.

**Technical skills** I covered different roles (technical, organizational, managerial and representation) with increasing levels of responsibility, carrying out successfully the specific activities such as the preparation of technical proposals to calls for research, presentation of the results to Funding Authorities in project reviews and participation in conferences and international events for the dissemination of research activities (presentations and related publications) and the creation of new partnerships.

The list below summarizes the technical skills and competences gained during these years:

- Object Oriented Programming (OOP) in Java (IDE: NetBeans, Eclipse)
- Use Application versioning source code (CVS, SVN)
- Use technology platform Java Enterprise Edition (JEE)
- design and implementation of web applications in JSP / SERVLET (JEE)
- design and development of Rich Internet Application (RIA)
- database design (RDBMS: MySQL, PostgreSQL, MongoDB)
- knowledge modelling and representation - ontologies, semantic web
- elicitation and formalization of the requirements for the preparation of Software Requirements Specifications (SRS) and Software Design Specifications (SDS)
- project management (also in accordance with ISO:9001 and ISO:27001 certifications)
- data privacy management and GDPR compliance

**Other skills**

- Self-taught guitarist & drummer, I played (and singed!) for more than twenty years in various bands with several live performances, also with parallel private teaching activity.
- I collaborated for five years with the local monthly newspaper "Il Corriere di Sestri" in Genoa as a cartoonist and illustrator.
- In my free time, I practice with passion reading, playing music, painting, photography, graphic design and DIY stuff.
- I love logo design and often applied this passion in research projects too...
- Last (but not least), I am lovely father of 2 children (8yo and 14yo) and faithful husband



Driving licence - B

## ADDITIONAL INFORMATION

Publications  
Conferences  
Presentations  
Posters  
(in chronological order)

**Semantic Web Approach to Improve Accessibility and Usage of Contents in the Occupational Health and Safety Domain***Stefano BIANCHI, Gianni VIANO*

eChallenges e-2005 Conference &amp; Exhibition (Conference proceedings)

19-21 October 2005, Ljubljana, Slovenia

<http://www.echallenges.org/2005/>**Business Potential for e-Health Value-Added Services: an Application in the Orphan Drug Market***Stefano BIANCHI, Enrico MORTEN, Paola BAIARDI*

eChallenges e-2006 Conference &amp; Exhibition (Conference proceedings)

25-27 October 2006, Barcelona, Spain

<http://www.echallenges.org/2006/>**Application of K-Wf Grid Technology to Coordinated Traffic Management***Marco MASETTI, Stefano BIANCHI, Gianni VIANO*

Cracow Grid Workshop 2006

15-18 October 2006, Cracow, Poland

<http://www.cyfronet.krakow.pl/cgw06/>**EuroWorksafe: un portale europeo sulla tutela della salute dei lavoratori e sulla prevenzione del rischio di cancro***Fabio RIZZO, Lucia MAIORANA, Stefano BIANCHI, Gianni VIANO, Daniela VECCHIO*

Fogli d'Informazione 2/2007 (aprile-giugno 2007) - ISPESL

ISSN 1724-8248

<http://www.ispesl.it/>**PUSH\_SEMANTICS: a real experience in exploiting semantic annotation of scientific data***Marta GONZALEZ, Stefano BIANCHI, Gianni VIANO*

ESTC2007 - European Semantic Technology Conference 2007 (Conference proceedings)

31 May - 1 June 2007, Vienna, Austria

<http://www.estc2007.com/>**Semantic Multi-language and Multi-ontology Framework for Digital Content Management and Sharing***Stefano BIANCHI, Gianni VIANO, Christian MASTRODONATO, Gianni VERCELLI, Marta GONZALEZ RODRIGUEZ*

eChallenges e-2008 Conference &amp; Exhibition (Conference proceedings)

22-24 October 2008, Stockholm, Sweden

<http://www.echallenges.org/2008/>**Semantic framework for complex knowledge domains (poster)***Marta GONZALEZ, Stefano BIANCHI, Gianni VERCELLI*

ISWC2008 - International Semantic Web Conference 2008

26-30 October 2008, Karlsruhe, Germany

<http://iswc2008.semanticweb.org/>**Use of ontologies to annotate and retrieve educational contents within digital libraries: the AquaRing approach***Stefano BIANCHI, Christian MASTRODONATO, Gianni VERCELLI, Giuliano VIVANET*

Journal of e-Learning and Knowledge Society — Vol. 5, n. 1, february 2009 (pp. 211 - 220)

<http://www.je-lks.it/english-online-version/issue-12009-vol-5-n-1-focus-on-digital-collaboration/>[http://www.je-lks.it/en/09\\_01/9Ap\\_bianchi\\_ing09.pdf](http://www.je-lks.it/en/09_01/9Ap_bianchi_ing09.pdf)

**Semantic Warehousing of Diverse Biomedical Information**

*Stefano Bianchi, Anna Burla, Costanza Conti, Ariel Farkash, Carmel Kent, Yonatan Maman, Amnon Shabo*

7th International Conference on Next Generation Information Technologies and Systems - NGITS 2009

<http://mis.haifa.ac.il/~ngits2009/>

**Biomedical Data Integration – Capturing Similarities while Preserving Disparities**

*Stefano Bianchi, Anna Burla, Costanza Conti, Ariel Farkash, Carmel Kent, Yonatan Maman, Amnon Shabo*

31st Annual International Conference of the IEEE Engineering in Medicine and Biology Society

<http://www.embc09.org/>

**Digital Libraries and Educational Resources: the AquaRing Semantic Approach**

*Stefano BIANCHI, Gianni VERCELLI, Giuliano VIVANET*

IJET - INTERNATIONAL JOURNAL ON EMERGING TECHNOLOGIES IN LEARNING. ISSN: 1863-0383

<http://online-journals.org/i-jet/article/view/1030>

**A Standard Based Approach for Biomedical Knowledge Representation**

*A Farkash, H Neuvirth-Telem, Y Goldschmidt, C Conti, F Rizzi, S Bianchi, E Salvi, D Cusi, A Shabo*  
MIE 2011 - XXIII International Conference of the European Federation for Medical Informatics

<http://www.mie2011.org>

**Development and Validation of Innovative Methods and Tools for the Management of Active Distribution Networks with Renewable Generation**

2nd IEEE ENERGYCON Conference & Exhibition

Future Energy Grids and Systems Symp

September 9-12 2012, Florence, Italy

<http://www.energycon2012.org/>

**SmartGen project – developments in the management of active distribution networks**

*S. Bianchi, G. Troglio - Softeco Sismat, M. Pentolini - SDI Automazione Industriale, C.A. Nucci -*

*Università di Bologna, G. Petretto - Enel Ingegneria e Ricerca, F. Silvestro – Università di Genova*

Convegno Annuale AEIT 2013 Innovazione e cultura scientifica e tecnica per lo sviluppo, Mondello, Palermo, 3-5 ottobre 2013

<http://www.aeit.it/man/CN2013/>

**A service-oriented distributed learning environment for manufacturing workplaces**

*Stefano Bianchi, Michele Sesana, Maurizio Megliola, Kaj Helin, Jaakko Karjalainen, and Fridolin Wild*

2nd EAI International Conference on e-Learning and Online Training

September 16–18, 2015, Novedrate, Italy

<http://eleot.org/2015/show/home>

**AR/VR-enabled Architecture for Technology Enhanced Learning in Manufacturing Environments**

*STEFANO BIANCHI, STEFANO GENOLINI, MAURIZIO MEGLIOLA, KAJ HELIN*

EuroVR Conference 2015

15th and 16th October, 2015, Campus Politecnico Milano – CNR, Lecco (Italy)

<http://www.eurovr-association.org/conference2015/>

**E-Learning, E-Education, and Online Training - Revised Selected Papers**

Second International Conference, eLEOT 2015,

September 16-18, 2015, Novedrate, Italy,

Editors: Vincenti, Giovanni, Bucciero, Alberto, Vaz de Carvalho, Carlos (Eds.)

<http://www.springer.com/gp/book/9783319288826>

**ANASTACIA: Advanced Networked Agents for Security and Trust Assessment in CPS IoT Architectures**

*Sebastien Ziegler, Antonio Skarmeta, Jorge Bernal, Eunsook Eunah Kim, Stefano Bianchi*

Global IoT Summit 2017

JUNE 6-9 2017 CIGG, GENEVA

<http://www.globaliotsummit.org/>

**Towards Secure Building Management System based on Internet of Things**

*Alié El-din Mady, Ruben Trapero, Antonio Skarmeta and Stefano Bianchi*  
CENICS 2017

<https://www.iaria.org/conferences2017/CENICS17.html>

in special track CYPHYS: Cyber-Physical Security

<https://www.iaria.org/conferences2017/filesCENICS17/CYPHYS.pdf>

**The PODCAST project - optimizing distribution networks with renewable energy sources**

*Enrico Bessone, Carlo Alberto Nucci, Stefano Bianchi, Massimo Pentolini, Stefano Massucco, Federico Raco*

2018 AEIT International Annual Conference - Special Session on Projects related to Activities concerning Research and Development for the National Electrical Energy System

**Security Management Architecture for NFV/SDN-aware IoT Systems**

*Alejandro Molina Zarca, Jorge Bernal Bernabe, Ruben Trapero, Diego Rivera, Jesus Villalobos, Antonio Skarmeta, Stefano Bianchi, Anastasios Zafeiropoulos and Panagiotis Gouvas*

IEEE Internet of Things Journal - Special Issue on Secure Embedded IoT Devices for Resilient Critical Infrastructures

**VIRTUS project: an Aggregation Platform for the Intelligent Virtual Management of Distributed Energy Resources**

*Stefano Bianchi, Allegra De Filippo\*, Sandro Magnani, Gabriele Mosaico, Federico Silvestro*

Journal: Energies

**Il ruolo dei Virtual Power Plants nella gestione energetica sostenibile**

*Stefano Bianchi, Allegra De Filippo, Sandro Magnani, Michela Milano, Gabriele Mosaico, Federico Silvestro*

Ita-IA 2022 [https://www.ital-ia2022.it/workshop.php#ancora\\_workshop](https://www.ital-ia2022.it/workshop.php#ancora_workshop)

Workshop AI e sostenibilità