

Personal Information

Lodi Giorgia

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| Date of birth 25/09/1976

Work Experience

30/12/2020 - present

Permanent technologist at Institute of Cognitive Sciences and Technologies (ISTC) of the Italian National Council of Research (CNR)

- Member of the European working group on the development of the e-procurement ontology (lead by Publications Office) – January 2021 – present;
- Member of the European working group on the BDTI pilot – pilot that uses the European Big Data Testing Infrastructure for building data analytics on procurement data represented as Linked Open Data using the e-procurement ontology (led by DG DIGIT) – January 2021 – November 2021;
- Member for ISTC-CNR of the European CEF Telecom Public Open Data project WHOW – Water Health Open knowledge – January 2021 – present;
- Technical coordinator of service contract with DG MARE for the development of the information system on commercial designations of fisheries and aquaculture products marketed in EU – January 2021 – present;
- Privacy reference point for the Institute of Cognitive Sciences and Technologies (ISTC) – February 2021 – present.

01/05/2017-29/12/2020

09/02/2015–30/04/2017

Consultant

Agenzia per l'Italia Digitale (AgID), Rome (Italy)

- Member of the working group for the definition of the national catalogue of public services of Public Administrations (servizi.gov.it), February 2015 – present.
- Member of the working group on the architectural evolutions of the national catalogues of (open) data of the Italian Public Administrations (dati.gov.it), February 2015 – present;
- Member of the European working group on the definition of the DCAT-AP metadata application profile. February 2015 – present;
- Member of the European working group on the definition of the metadata application profile for public services of Public Administrations (CPSV-AP), February 2015-present;
- Coordinator within AgID of the technical activities for the European Project Coco Cloud (Confidential and Compliance Cloud) funded in the Framework Programme 7, (Grant Agreement No 610853), February 2015 – October 2016;
- Coordinator within AgID of the activities carried out in the context of the thematic network Share-PSI (Shared Standards for Open Data and Public Sector Information) funded in the in the European Programme ICT PSP (Grant Agreement No 621012), February 2015– September 2016;
- Member of the working group within AgID for the technical activities to be carried out in the context of e-SENS (Electronic Simple European Networked Services) project funded in the ICT PSP Programme (Grant Agreement No 325211), February 2015 – end of 2016;
- Member of the working group within AgID for the technical activities to be carried out in the context of EKSISTENZ (Harmonized framework allowing a sustainable and robust identity for European Citizens) funded under the FP7- THEME [SEC-2013.1.1-2 SEC-2013.1.1-2] Programme (Grant Agreement No 607049), February 2015– end of 2016.
- Member of the working group “Data e Open Data Management” for OT11-OT2 objectives created at the Italian Ministry of Public Administration for the definition of (a) the national list of high value datasets to be open, (b) the national guidelines for public sector information valorization, (c) monitoring activities, March 2016 – September 2016.
- National contact point for the European National Interoperability Framework Observatory (NIFO).

- Active collaboration with the Italian Digital Transformation Team for the development of the DAF (Data & Analytics Framework)- the Italian big and open data infrastructure. In particular, the collaboration was also concentrated on the development of a network of ontologies for the Public Administration (OntoPiA) that can foster semantic interoperability
- Member of the working group responsible for the definition of the Italian ICT three-year plan for the Public Administration (2017-2019) with a specific focus on the data section;
- Member of the European working group for the definition of the evidence data models in the context of the Single Digital Gateway Regulation – July 2020 – December 2020;
- Member of the European Working Group for the definition of the e-procurement ontology – November 2019 – December 2020;
- Member of the European Working Group for BDTI pilot - pilot that uses the European Big Data Testing Infrastructure for building data analytics on procurement data represented as Linked Open Data using the e-procurement ontology – July 2020 – December 2020;
- Member of the Italian government task force on Covid-19 created by the Ministry of Innovation and Technologies – March 2020 – October 2020;
- National contact point for the semantic interoperability in EU – 2019 – 2020.

23/12/2020 – present

Co-founder of BUP SRL, Rome (Italy) – official CNR spinoff.

02/05/2016–22/12/2020

CEO of BUP SRL, Rome (Italy)

03/11/2014–03/11/2017

Research assistant

Italian National Council of Research (CNR), Rome (Italy)

- Coordinator of the national project FOOD on the availability as linked open data of the quality schemes for agricultural products (PDO e PGI);
- Coordinator of the national project Cultural-ON on the definition, in collaboration with the Italian Ministry of Cultural Heritage, of an ontology used to model cultural institutions or sites and cultural events. The project aimed at producing the related linked open data modeled according to Cultural-ON;
- Technical Coordinator of the PON governance project NEPTIS – ICT solutions for the use and exploration of the cultural heritage;
- Coordinator of the European project MARE carried out under the control of DG MARE on the development of a multilingual information system for fishery and aquaculture products marketed in the EU. The system uses also semantic technologies for the modeling and availability as linked open data of the data of the information system.

29/09/2014–06/02/2015

Consultant

Reply Whitehall S.p.A, Rome (Italy)

- Consultancy on open and big data projects

01/07/2011–30/06/2014

Project leader/analyst for public services and interoperability technologies

Agenzia per l'Italia Digitale (former DigitPA), Rome (Italy)

- Member of the working group of the Coordination Board of the Italian Connectivity and Cooperation Public System (Italian interoperability framework) for the definition of the new objectives of the framework, 2011.
- Member of the working group of the Coordination Board of the Italian Connectivity and Cooperation Public System (Italian interoperability framework) for the definition of the

requirements for interoperability services of the framework, 2011.

- Member of the working group of the Coordination Board of the Italian Connectivity and Cooperation Public System (Italian interoperability framework) for the definition of the national shared infrastructures of the framework, 2012.
- Member of the working group of the Coordination Board of the Italian Connectivity and Cooperation Public System (Italian interoperability framework) for the definition of the national guidelines on semantic interoperability through Linked Open Data, 2012.
- Coordinator of the national working group for the definition of the national technical guidelines for public sector information valorization and their successive updates, 2013, 2014, 2016, 2017.
- Member of the working group on the definition of the technical rules for the national critical authentic sources, 2012.
- Member of two working groups of the Italian Committee for smart community/smart city for the definition of the technical rules of the Italian Platform of smart communities, October 2013 – June 2014.
- National contact point for the National Interoperability Framework Observatory (NIFO).
- Member for AgID of the OASIS “Business Document ExchangeTC”, working group, June 2012 – June 2013.
- Member for AgID of the technical working group on Open Data in the context of G8, 2013.
- Member of the working group within AgID for the technical activities to be carried out in the context of e-SENS (Electronic Simple European Networked Services) project funded in the ICT PSP Programme (Grant Agreement No 325211), April 2013 – June 2014.
- Member of the working group within AgID for the technical activities to be carried out in the context of Stork2.0 (Secure idenTity acrOss boRders linKed 2.0) project funded in the ICT PSP Programme (Grant Agreement No 297263), April 2012 – June 2014.
- Member of the working group within AgID for the technical activities to be carried out in the context of Coco Cloud (Confidential and Compliance Cloud) project funded in the FP7 Programme, (Grant Agreement No 610853), November 2013 – June 2014.
- Member of the working group within AgID for the technical activities to be carried out in the context of the thematic network Share-PSI (Shared Standards for Open Data and Public Sector Information) funded in the ICT PSP Programme (Grant Agreement No 621012), February 2014 – June 2014
- Member for AgID for the working group of the “Core Public Service Vocabulary (CPSV)”, 2013.
- Coordinator of the national project SPCData, the Linked Open Data portal of the Italian interoperability framework SPC

09/2011 Reviewer of European projects
European Commission, Brussels

12/2010 Reviewer of European projects
European Commission, Brussels

01/09/2008–30/06/2011 Research assistant
Consorzio Interuniversitario Nazionale per l'Informatica (CINI) - at Dipartimento di Informatica e Sistemistica della Sapienza Università di Roma, Rome

- Coordinator of the working group within CINI for the technical activities to be carried out in the context of CoMiFin (Communication Middleware for Monitoring Financial CI) project, funded in the FP7 Programme (Grant Agreement No n. 225407), September 2008 – March 2011.
- Technical support for the European project SM4ALL (Smart hoMEs for ALL. An Embedded Middleware Platform for Pervasive and Immersive Environments for-ALL), funded in the context of the FP7 (Grant Agreement No n. 224332), September 2008 – December 2008.

01/07/2006–31/07/2008 Research assistant
Alma Mater Studiorum Università di Bologna - Dipartimento di Scienze dell'Informazione, Bologna

01/07/2005–30/06/2006 Research Assistant
Alma Mater Studiorum Università di Bologna - Dipartimento di Scienze dell'Informazione, Bologna

05/2006–06/2006 Consultant
Italian National Council of Research (CNR) – Laboratory of Applied Ontology, Institute of Cognitive Sciences and Technologies, Rome

- Consultant for the design and implementation of a web-based workflow semantic system

01/01/2003–31/12/2005 PhD student
Alma Mater Studiorum Università di Bologna - Dipartimento di Scienze dell'Informazione, Bologna

01/07/2002–30/06/2005 Research assistant
Alma Mater Studiorum Università di Bologna - Dipartimento di Scienze dell'Informazione, Bologna

- Member of the working group within Università di Bologna for the European project TAPAS (IST 2001-34069).

03/06/2001–30/06/2002 Research associated
University of Newcastle upon Tyne - School of Computing Science, Newcastle upon Tyne, (UK)

Education and Training

27/04/2006 PhD in Computer Science
Alma Mater Studiorum Università di Bologna - Dipartimento di Scienze dell'Informazione, Bologna

15/03/2001 Master Degree in Computer Science (5 years)
Alma Mater Studiorum Università di Bologna - Dipartimento di Scienze dell'Informazione,

Bologna

Vote: 110/110 summa cum laude

07/1995 Diploma Computer Programmer
 Commercial Technical Institute Luigi Tanari, Bologna
 Vote: 60/60

Personal Skills

Mother tongue(s) Italian

Foreign language(s)

	UNDERSTANDING		SPEAKING		WRITING
	Listening	Reading	Spoken Interaction	Spoken production	
English	C1	C1	C1	C1	C1

Communication skills Good communication skills also in English thanks to numerous presentations, seminars and, in general, training lessons held both at the university and CNR, and finally in the context of the work carried out at Agency for Digital Italy.

Organizational / managerial skills Good organizational skills acquired during the experience at the University, at CNR and at the Agency for Digital Italy as manager of a) international working groups within European projects and b) national working groups for the definition of guidelines and technical rules, especially in the areas of data and metadata.

Job-related skills Proficiency in writing guidelines and technical rules thanks to the three-year experience gained at Agency for Digital Italy.

Excellent knowledge of organizational, technical, legal and support training aspects related to the open data paradigm, thanks to the experience gained at the Agency for Digital Italy and thanks to the experiences both in the private field at Reply Whitehall and in the scientific field at CNR.

Mastery in writing technical-scientific texts thanks to the experience gained in the academic field.

Very good work experience in the use of Semantic Web technologies for the modeling of databases, in the data and metadata standardization and semantic interoperability;

Mastery in writing project proposals and in the technical, administrative and financial management of European projects thanks to the experience gained first at the University of Bologna, then at Sapienza University of Rome, and then at Agency for Digital Italy and CNR.

Excellent knowledge of initiatives at European level for the development and promotion of interoperable solutions for public administrations thanks to the experience gained at the Agency for Digital Italy.

Additional Information

Italian network of ontologies for the public sector – OntoPiA (April 2017 – December 2020 – 30 ontologies, 40 controlled vocabularies) - <https://github.com/italia/daf-ontologie-vocabolari-controllati> All the resources can be accessed online via HTML.

Publications

National guidelines and other documents (in Italian)

- Agenzia per l'Italia Digitale “Linee guida per i cataloghi di dati” (2017);
- Agenzia per l'Italia Digitale “Elenco delle basi di dati chiave” (2017-2018);
- Agenzia per l'Italia Digitale “Schede descrittive delle banche dati di interesse nazionale” (2017);
- Agenzia per l'Italia Digitale “Linee guida nazionale per la valorizzazione del patrimonio informativo pubblico (anno 2017)”, July 2017;
- Agenzia per l'Italia Digitale “Linee guida nazionale per la valorizzazione del patrimonio informativo pubblico (anno 2016)”, August 2016;
- Agenzia per l'Italia Digitale, “Specifiche tecniche e ontologia OWL per DCAT-AP_IT – Profilo Italiano di DCAT-AP (DCAT Application Profile for data portals in Europe)” April 2016;
- Agenzia per l'Italia Digitale, “Specifiche tecniche e ontologia OWL per CPSV-AP_IT – Profilo italiano di CPSV-AP (Core Public Service Vocabulary Application Profile)”, 22 February 2016;
- Agenzia per l'Italia Digitale, "Linee guida nazionali per la valorizzazione del patrimonio informativo pubblico (anno 2014)", 26 June 2014.
- Agenzia per l'Italia Digitale, "Agenda nazionale per la valorizzazione del patrimonio informativo pubblico (anno 2014)", May 2014.
- Agenzia per l'Italia Digitale, "AgID report on the use of the Org Ontology", 2013 (in English).
- Agenzia per l'Italia Digitale "Un'architettura unitaria per l'agenda digitale", July 2013.
- Agenzia per l'Italia Digitale, "Linee guida nazionali per la valorizzazione del patrimonio informativo pubblico (secondo semestre 2013)", 31 July 2013.
- Agenzia per l'Italia Digitale "Agenda nazionale per la valorizzazione del patrimonio informativo pubblico (secondo semestre 2013)", June 2013.
- Commissione di Coordinamento SPC, "Linee Guida per l'Interoperabilità Semantica attraverso i Linked Open Data", November 2012.
- SPC Board "An overview of the Italian Guidelines for Semantic Interoperability through Linked Open Data" (in English).
- Agenzia per l'Italia Digitale, "Architettura delle Comunità Intelligenti: Visione Concettuale e Raccomandazioni alla Pubblica Amministrazione", October 2012.
- Commissione di Coordinamento SPC, "Definizione dei requisiti tecnici per la transizione, l'evoluzione e il funzionamento delle infrastrutture condivise", March 2012.
- Commissione di Coordinamento SPC, "Contenuti delle gare S2 e S3", November 2011.
- Commissione di Coordinamento SPC, "Definizione degli obiettivi delle gare S2 e S3", November 2011.

International Journals

- D. Reforgiato Recupero, M. Castronovo, S. Consoli, T. Costanzo, A. Gangemi, L. Grasso, G. Lodi, G. Merendino, M. Mongiovi, V. Presutti, S. Rapisarda, S. Rosa, E. Spampinato, “An Innovative, Open, Interoperable Citizen Engagement Cloud Platform for Smart

- Government and Users' Interaction”, *Journal of Knowledge Economy*, 2016, 7(2): 388-412.
- G. Lodi, L. Aniello, G. A. Di Luna, R. Baldoni, "An event-based platform for collaborative threats detection and monitoring", *Information Systems*, 39: 175-195, 2014.
 - D. Lamanna, F. Bertini, G. Lodi, R. Baldoni, "How to act without being observed: progressive privacy architecture in desktop-as-a-service", *Computer Systems Science and Engineering*, 28(6), 387-399, 2013.
 - R. Baldoni, S. Bonomi, G. Lodi, M. Platania, L. Querzoni, "Data Dissemination Supporting Complex Event Pattern Detection", *International Journal on Next Generation Computing*, Vol. 2 No 3, 2011.
 - M. Platania, R. Beraldi, G. Lodi, L. Querzoni, R. Baldoni, "Supporting NGNs Core Software Services: A Hybrid Architecture and its Performance Analysis", published online in *Journal of Network and Systems Management*, May, 2011.
 - G. Lodi, L. Querzoni, R. Beraldi, and R. Baldoni, "Combining Service-Oriented and Event-Driven Architectures for Designing Dependable Systems", in *Foundations of Computing and Decision Sciences International Journal*, 2010.
 - V. Ghini, G. Lodi, S. Cacciaguerra, and F. Panzieri "Meeting Interactivity Requirements in Mobile E-Witness: an Experimental Study", in *Wireless Personal Communications (Springer) Vol 52, Issue 3 (2010), Page 569, February 2010.*
 - V. Ghini, G. Lodi, and F. Panzieri, "Always Best Packet Switching: the mobile VoIP case study", *Journal of Communications (JCM) Vol 4, No 9 (2009): Special Issue on Multimedia Communication, Networking, and Applications, October 2009.*
 - V. Ghini, G. Lodi and F. Panzieri, "Mobile E-Witness", In *Multimedia Tools and Applications (MTAP), Special Issue on "New Achievements in Pervasive and Interactive Multimedia Systems and Applications Vol. 37(3), (Springer), May 2008 pp 293-318.*
 - G. Lodi, F. Panzieri, D. Rossi and E. Turrini "SLA-driven Clustering of QoS-aware Application Servers", *IEEE Transactions on Software Engineering (TSE) Vol. 33(3), 2007, pp 186-197.*

Book chapters

- G. Lodi, L. Asprino, A. G. Nuzzolese, V. Presutti, A. Gangemi, D. Reforgiato Recupero, C. Veninata, A. Orsini, "Semantic Web for Cultural Heritage Valorisation", *to appear in Data Analytics in Digital Humanities*, November 2016.
- W. Beyeler, R. Glass and G. Lodi, "Modeling and Risk analysis of Information sharing in the Financial Infrastructure", in *Springer Collaborative Financial Infrastructure Protection*, Roberto Baldoni, Gregory Chockler Eds. 2011.
- R. Baldoni, V. Bortnikov, G. Chockler, E. Dekel, G. Laventman, G. Lodi, and L. Montanari, "CoMiFin Architecture and Semantic Rooms", in *Springer Collaborative Financial Infrastructure Protection*, Roberto Baldoni, Gregory Chockler Eds., 2011.
- McGibney, H. Elshaafi, B. P. Mulcahy, D. Botvich, G. Lodi, D. Lamanna, and H. Qusa, "Trust and Privacy", in *Springer Collaborative Financial Infrastructure Protection*, Roberto Baldoni, Gregory Chockler Eds., 2011.
- L. Aniello, G. A. Di Luna, G. Lodi and R. Baldoni, "Collaborative Inter-Domain Stealthy Port Scan Detection Using ESPER Complex Event Processing", in *Springer Collaborative Financial Infrastructure Protection*, Roberto Baldoni, Gregory Chockler Eds., 2011.
- L. Aniello, R. Baldoni, G. Chockler, G. Laventman, G. Lodi and Y. Vigfusson, "Distributed Attack Detection Using Agilis", in *Springer Collaborative Financial Infrastructure Protection*, Roberto Baldoni, Gregory Chockler Eds., 2011.

International conferences

- C. Guasch, G. Lodi, S. Van Dooren, “Semantic Knowledge Graphs for Distributed Data Spaces: the Public Procurement Pilot Experience”, *Submitted to ISWC 2022*
- A. Gangemi, R. Lillo, G. Lodi, A.G. Nuzzolese, V. Presutti “A Pattern-based Ontology for the Internet of Things”, *WOP @ International Conference on Semantic Web (ISWC), 2017*
- V. Presutti, G. Lodi, A. G. Nuzzolese, A. Gangemi, S. Peroni, L. Asprino, “The Role of Ontology Design Patterns in Linked Data projects”, *In the proceedings of the 35th International Conference on Conceptual Modelling (ER 2016)*, Novembre 2016, Giappone (Gifu).
- S. Peroni, G. Lodi, L. Asprino, A. Gangemi, V. Presutti, “FOOD: FOod in Open Data”, *In the proceedings of the International Semantic Web Conference*, Ottobre 2016 – Giappone (Kobe).
- G. Lodi, S. Peroni, A. Gangemi, “Ranging the Description Ontology Design Pattern with Literal Values”, *In the proceedings of the 7th workshop on Workshop on Ontology and Semantic Web Patterns (7th edition) - WOP2016*, Ottobre 2016, Giappone (Kobe).
- G. Lodi, A. Maccioni, M. Scannapieco, M. Scanu, L. Tosco, “Publishing Official Classifications in Linked Open Data”, *In the proceedings of 2nd International Workshop on Semantic Statistics (SemStats 2014)*, in conjunction with the International Conference of Semantic Web (ICSW 2014), Riva del Garda (Italy), October 2014.
- (Best Paper) D. Lamanna, G.Lodi, R. Baldoni, “How not to be seen in the Cloud: a progressive privacy solution for Desktop-as-a-Service”, *In Proceedings of 2nd International Symposium on Secure Virtual Infrastructures (DOA-SVI'12)*, Rome, 10 September 2012.
- R. Baldoni, G. Lodi, L. Montanari, G. Mariotta, M. Rizzuto, “Online Black-box failure Prediction for Mission Critical Distributed Systems”, *In Proceedings of 31st International Conference, SAFECOMP 2012*, Magdeburg, Germany, September 25-28, 2012.
- G. Lodi, A. Maccioni, F. Tortorelli, “Linked Open Data in the Italian E-government Interoperability Framework”, *in Proceeding of 6th International Conference on Methodologies, Technologies and Tools enabling e-Government*, Belgrade, Serbia, July 3-5 2012.
- R. Baldoni, G. A. Di Luna, D. Firmani, G.Lodi, “A Model for Continuous Query Latencies in Data Streams”, *in Proceeding of 1st ACM International Workshop on Algorithms and Models for Distributed Event Processing – in conjunction with DISC 2011*, September 2011, Rome, Italy.
- L. Aniello, G. A. Di Luna, G. Lodi, R. Baldoni, “A Collaborative Event Processing System for Protection of Critical Infrastructures From Cyber Attacks”, *in Proceedings of 30th International Conference, SAFECOMP 2011 (LNCS)*, Naples, Italy, September 19-22, 2011.
- L. Aniello, G. Lodi, R. Baldoni, “Inter-Domain Stealthy Port Scan Detection through Complex Event Processing”, *in Proceedings of 13th European Workshop on Dependable Computing*, May 2011, Pisa, Italy.
- R. Baldoni, R. Beraldi, G. Lodi, M. Platania, L. Querzoni, “Moving Core Services to the Edge in NGNs for Reducing Managed Infrastructure Size”, *in Proceedings of 6th IEEE International Conference on Network and Service Management*, October 25-29, 2010, Niagara Falls, Canada
- R. Baldoni, G. Lodi, G. Chockler, E. Dekel, B. P. Mulcahy, G. Martufi, “A Contract-Based Event Driven Model For Collaborative Security In Financial Information Systems”, *In Proceedings of 12th International Conference on Enterprise Information Systems (ICEIS)*, Madeira, Portugal, 12th June, 2010.
- G. Lodi, R. Baldoni, H. Elshaaf, B. P. Mulcahy, G. Csertan, L. Gonczy, “Trust

Management in Monitoring Financial Critical Information Infrastructures”, in Proceedings of the 2nd International Conference on Mobile Lightweight Wireless Systems - Critical Information Infrastructure Protection Track, Barcelona, Spain, May 2010.

- R. Baldoni, S. Bonomi, G. Lodi, L. Querzoni “Data Dissemination supporting collaborative complex event processing: characteristics and open issues”, In Proceedings of ACM Workshop on Data Distribution for Large-Scale Complex Critical Infrastructures, Valencia, Spain, April 2010.
- R. Baldoni, A. Cerocchi, G. Lodi, L. Montanari, and L. Querzoni, "Designing Highly Available Repositories for Heterogeneous Sensors Data in Open Home Automation Systems", In Proceeding of 7th IFIP Workshop on Software Technologies for Future Embedded and Ubiquitous Systems (SEUS), Newport beach, USA, Nov 16-18, 2009.
- R. Baldoni, L. Doria, G. Lodi, and L. Querzoni, "Managing Reputation in Contract-Based Distributed Systems", In Proceedings of the 11th International Symposium on Distributed Objects, Middleware, and Applications (DOA'09), Vilamoura Alvarge, Portugal, Nov 02-04, 2009.
- G. Lodi, L. Querzoni, R. Baldoni, M. Marchetti, M. Colajanni, V. Bortnikov, G. Chockler, E. Dekel, G. Laventman, and A. Roytman, “Defending Financial Infrastructures Through Early Warning Systems: The Intelligence Cloud Approach”, In Proceedings of the 5th Annual Workshop on Cyber Security and Information Intelligence Research: Cyber Security and Information Intelligence Challenges and Strategies, Oak Ridge, Knoxville, TN, USA, April 13-15, 2009.
- V. Ghini, S. Cacciaguerra, G. Lodi, and F. Panzieri “Enhancing Mobile E-Witness with Access Point Selection Policies”, In Proceedings of the 5th IEEE International Conference on Information Technology: New Generations (ITNG 2008), Las Vegas NV, April, 2008.
- G. Lodi, F. Panzieri, D. Rossi and E. Turrini "Experimental Evaluation of a QoS-aware Application Server", In Proceedings of the 4th IEEE International Symposium on Network Computing and Applications (IEEE NCA05), July 27 - 29, 2005 Marriott Hotel, Kendall Square, Cambridge, MA, USA.
- G. Lodi and F. Panzieri "QoS-aware Clustering of Application Servers", In Proceedings of the 1st IEEE Workshop on Quality of Service for Application Servers, in conjunction with the 23rd International Symposium on Reliable Distributed Systems (SRDS 2004), Florianopolis, Brazil, October 17 2004.
- G. Lodi "Dependable Application Hosting", In Proceedings of DSN Student Forum, in conjunction with the International Conference on Dependable Systems and Networks (DSN 2004), Palazzo dei Congressi, Florence Italy, June 28 - July 1 2004.

Technical reports

- G. Lodi, R. Baldoni, V. Bortnikov, G. Chockler, E. Dekel, G. Laventman, E. Angori, “A Collaborative Environment for Customizable Complex Event Processing in Financial Information Systems”, Midlab Technical Report, 5/10, March 2010.
- G. Lodi, V. Ghini, F. Panzieri, and F. Carloni, "An Object-based Fault-Tolerant Distributed Shared Memory Middleware", Technical Report UBLCS 2007-20, University of Bologna, July 2007.
- G. Lodi "Middleware Services for Dynamic Clustering of Application Servers", (Ph.D. Thesis) Technical Report UBLCS-2006-06, University of Bologna, April 2006.

Poster

- G. Lodi, S. Peroni, A. Gangemi, “Ranging the Description Ontology Design Pattern with Literal Values”, *In the proceedings of the 7th workshop on Workshop on Ontology and Semantic Web Patterns (7th edition) - WOP2016*, Ottobre 2016, Giappone (Kobe).

- H. Qusa, R. Baldoni, R. Beraldi, G. Lodi "A contract-based privacy preserving architecture for collaborative event processing", Poster Track of 7th International Workshop on Hot Topics in System Dependability (HotDep 2011), in conjunction with 41th Annual IEEE/IFIP International Conference on Dependable Systems and Networks (DSN 2011), June 2011.
- P. Ciancarini, A. Gangemi, G. Lodi, J. Penazzi, V. Presutti, "WikiFactory: an ontology-driven software framework for semantic web sites", Poster/Demo Track of 6th International Semantic Web Conference 2007 (ISWC07), November 2007.

Honours and Awards

- OpenGeoData Award, 2013: for the national guidelines on semantic interoperability through Linked Open Data;
- "TR35 Giovani Innovatori" 2011: Organized by Forum Research and Innovation in collaboration with Technology Review (MIT) for the research on protection of financial critical infrastructures: one of the 10 best Italian ideas;
- 2011 Innovative Applications Award: 2011: Event Processing Technical Society in collaboration with OMG Event Processing Community of Practice for the research on complex event processing systems.

Selected Presentations

- June 2019 – "Hackathon e workshop su dati aperti e ontologie" presso COMPAFVG, Udine
- May 2019 – "ESSnet Linked Open Statistics –Rome Hackathon presso ISTAT
- April 2019 – "OntoPiA e il ruolo delle ontologie negli ecosistemi", Workshop of the Italian Ministry of Cultural Heritage
- March 2019 – "Il valore dei dati – stato dell'arte in italia e all'estero" Event at Campania Region
- October 2016 national workshop on "La rivoluzione digital by default sta arrivando" organized in the context of the European Coco Cloud project, Rome. (in Italian)
- 13th European Workshop on Dependable Computing Pisa, Italy, 11-12 May 2011
- June 2010 12th International Conference on Enterprise Information Systems, Madeira, Portugal
- May 2010 2nd International Conference on Mobile Lightweight Wireless Systems - Critical Information Infrastructure Protection Track, Barcelona, Spain.
- November 2009 11th International Symposium on Distributed Objects, Middleware, and Applications (DOA), Vilamoura, Portugal.
- April 2009 5th Annual ACM Workshop on Cyber Security and Information Intelligence Research: Cyber Security and Information Intelligence Challenges and Strategies, Oak Ridge, Knoxville Tennessee, USA.
- April 2008 IEEE International Conference on Information Technology: New Generations (ITNG 2008), La Vegas NV, USA.
- July 2005 IEEE International Conference on Networks Computing and Application (NCA 05), Boston, USA.
- October 2004 IEEE Workshop "Quality of Service for Application Servers" in conjunction with "Symposium on Reliable Distributed Systems" (SRDS), Florianopolis, Brazil;
- June 2004 IEEE conference "Dependable Systems and Networks" (DSN), Palazzo dei Congressi, Firenze;
- September 2001 "Symposium on Distributed Objects and Applications" (DOA), Roma;

- July 2001 Workshop “Engineering e-Business Systems”, The computing Laboratory, University of Kent at Canterbury, UK.

Selected Invited Talks

- July 2018 – Conferenza Nazionale di Statistica “OntoPiA – la rete di ontologie e vocabolari controllati per la pubblica amministrazione”
- May 2018 ForumPA 2018: “Sistema Open Data – esperienze open italiane verso una strategia nazionale. Modelli organizzativi, comunità e valore economico e sociale dei dati aperti”
- February 2018 – “Amministrazione Aperta Incontro Regione Piemonte con gli Enti Locali – Iniziative nazionali per la valorizzazione del patrimonio informativo pubblico”
- September 2017 – Meeting OSIRIS at Provincia Autonoma di Trento – Semantic Standards and Catalogues
- March 2016 “From ISA to ISA2” - “IT – AgID’s Core Public Service Vocabulary”.
- May 2016 SEMIC 2016 – Semantic Interoperability Conference “The Italian PSI infrastructure: The National Public Service Catalogue”.
- May 2016 DCAT-AP workshop - “Data licensing”.
- May 2014 - AgID’s actions on public sector information valorisation;
- June 2013 SEMIC – Semantic Interoperability Conference, Dublino;
- December 2012 presenta le linee guida per l’Interoperabilità semantica attraverso i Linked Open Data in un incontro con la Commissione Europea, l’Agenzia Spaziale Italiana e la Marina Militare.
- March 2011 – “Critical financial infrastructures: cyber attacks” “T35 Giovani Innovatori” award.

Seminars

- Various lectures from 2002 to 2012 at University of Bologna, Sapienza University of Rome

Webinar

- September 2016 “Linee guida per la valorizzazione del patrimonio informativo pubblico”
- May 2016 “Illustrazione del profilo italiano dei metadati per i servizi pubblici CPSV-AP_IT”
- April 2016 “Prossimi passi per l’alimentazione del catalogo nazionale dei dati delle pubbliche amministrazioni”.
- February 2016 “Illustrazione del profilo italiano dei metadati DCAT-AP_IT”
- December 2015 “Caratteristiche del profilo nazionale dei metadati”
- November 2015 “Anticipazioni sull’aggiornamento delle linee guida per la valorizzazione del patrimonio informativo pubblico”

Courses for Public Administrations

- July 2018 “Open data and interoperability: metadata and shared ontologies” for ComPA Friuli Venezia Giulia Region.
- August 2018 “Ontologies for Public Administrations”, Umbria Region.
- October 2018, “Dati aperti di qualità e interoperabilità”, Open Data Course at Roma Capitale municipality;
- June 2019, Open Data Course at ISTAT;

- September 2019, Ontologies and Linked Open Data at Campania Region
- October 2019, 3 lectures in the context of “Laboratory 4 LinkedDataUmbria” for the sectors: Agriculture, Transport e Post Earthquake Reconstruction.
- June 2020, 1 lecture in the context of “Laboratory 4 LinkedDataUmbria” for the Tourism sector.

Intended function in the delivery of the service

As in previous service contracts, Giorgia will be the technical coordinator. She will supervise all technical tasks, acting as a point of contact with DG MARE. Giorgia will participate in technical data and system maintenance activities and actively contribute to the production of Linked Open Data for the information system. She will also actively support in all promotion and user engagement tasks.

Rome 27/05/2022