

Emanuele Storti

Scientific curriculum

Work experience

- 1 May 2018 - **Postdoctoral Research Fellow (assegnista di ricerca)**, Università Politecnica delle Marche. Topic: "Semantic Big Data Analytics".
- 30 April 2019
- 28 Jul 2017 - **Collaboration contract (contratto di collaborazione)**, Università Politecnica delle Marche. Topic: "Methodologies for integration of aggregate measures and KPIs with application to open data for smart cities, open government and social innovation".
- 27 Mar 2018
- 1 Jun 2012 - **Postdoctoral Research Fellow (assegnista di ricerca)**, Università Politecnica delle Marche. Grant title: "BI methodologies and platforms for business process analysis aimed at continuous improvement and innovation in virtual organizations".
- 31 May 2017

Education

- 2009-2012 **Ph.D.**, *Information Engineering (Ingegneria dell'Informazione)*, Università Politecnica delle Marche. Dissertation title: "KDD Process Design in Collaborative and Distributed Environments", awarded on 28 February 2012.
- 2006-2008 **MS (Laurea specialistica)**, *Computing Engineering (Ingegneria informatica)*, Università Politecnica delle Marche. Thesis title: "Semi-automatic composition of KDD processes" (110 cum laude), awarded on 4 December 2008.
- 2003-2006 **BS (Laurea triennale)**, *Computing and Automation Engineering (Ingegneria informatica e dell'automazione)*, Università Politecnica delle Marche. Thesis title: "Study and implementation of a semantic broker for Knowledge Discovery services" (110 cum laude), awarded on 12 December 2006.

Qualifications

- 26 July 2018 **ASN**, *National Scientific Qualification (Abilitazione Scientifica Nazionale) for sector "09/H1 - Sistemi di elaborazione dell'informazione" for Associate Professor (professore associato)*.

Visiting position

- Dec 2017 - Eindhoven (Netherlands), *Technical University (TUE)*. Visiting research fellow. Research activity: enhancement of process models driven by KPI analysis, in the group of Wil van der Aalst (December 2017 - March 2018).
- Mar 2018
- Jan 2010 - Amsterdam (Netherlands), *Centrum voor Wiskunde en Informatica (CWI)*. Visiting student. Research activity: analysis and usage of coordination languages for formal verification of KDD processes, in the group of Farhad Arbab (January-April).
- Apr 2010

Teaching experiences

- 2018 Adjunct professor (Professore a contratto) for *Elementi di Informatica*, 9 CFU, A.A. 2018-2019, Corso di Laurea in Ingegneria Elettronica ed Ingegneria Biomedica, Università Politecnica delle Marche.
- 2018 *Teaching assistant (Supporto alla didattica)*, for the MS course on *Big Data Analytics*, Università Politecnica delle Marche.
- 2018 *Teaching assistant (Supporto alla didattica)*, for the MS course on *Information System Technologies (Tecnologie per i sistemi informativi)*, Università Politecnica delle Marche, Fermo.
- 2018 Seminars on Linked Data for the MS course on *Information System Technology* and on Process Mining for the MS course on *Big Data Analytics*, Università Politecnica delle Marche.
- 2017 *Teaching assistant (Supporto alla didattica)*, for the MS course on *Information System Technologies (Tecnologie per i sistemi informativi)*, Università Politecnica delle Marche, Fermo.
- 2017 Mentor for 2 DBpedia projects on the Google Summer of Code program (dbpedia.org)
- 2016 Mentor for 2 DBpedia projects on the Google Summer of Code program (dbpedia.org)
- 2016 *Adjunct professor (Professore a contratto)* for the course *Methodologies for data analysis and management*, within the specialization programme in “Tecnico-ricercatore per la progettazione e sviluppo di tecnologie domotiche per gli ambienti di vita”, co-organized by Università Politecnica delle Marche, Politecnico di Milano and Area Science Park (ASP, Trieste).
- 2014 CPD (Continuing Professional Development) course on *Open Data for Public Administration as a driver for socio-economical development (technological aspects)*, organized by Istituto Nazionale di Previdenza Sociale (INPS) and Università Politecnica delle Marche.
- 2014 Seminars on Linked Data and Data Warehouses for MS course on *Information System Technologies*, Università Politecnica delle Marche.
- 2011-2019 Assistant supervisor for theses in *Computing and Automation Engineering*, BS and MS courses, Università Politecnica delle Marche.
- 2009-2019 Lessons and exercises on *Information Systems and Databases* for BS course *Computing and Automation Engineering* and for MS course *Management Engineering*, Università Politecnica delle Marche.

European/National Projects

- 2011-2014 BIVÉE: Business Innovation and Virtual Enterprise Environment (FP7-2011-NMP-ICT-FoF). Development of a semantic data warehouse, ontology of KPI, semantic-based methods for data warehouse and KPI interoperability in distributed scenarios. Research output: papers from 2011-2014 and deliverables D4.40 and D5.3.

- 2013-2016 HiCMO: (Regione Marche, DRG 1464, 7/11/2011). Development of prototype services for a smart home.
- 2012-2013 Marche cloud: Development of "Referti MCloud", an Android app to access and visualize the personal electronic health record (cartella sanitaria elettronica)

Editor/Reviewer

Journals

- (Guest editor) Special Issue on "Advanced Technologies and Systems for collaboration" FGCS: Future generation Computer Systems, Elsevier (2017-2019)
- (Reviewer) Data & Knowledge Engineering, Springer (2019)
- (Reviewer) Safety Science, Elsevier (2019)
- (Reviewer) Waste Management, Elsevier (2018)
- (Reviewer) ESWA: Expert Systems with Applications, Elsevier (2016,2017,2019)
- (Reviewer) Transportation Research Part C: Emerging Technologies, Elsevier (2017)
- (Reviewer) JSS: Journal of Systems and Software, Elsevier (2017,2018)
- (Reviewer) IJOSSP: International Journal of Open Source Software and Processes, IGI-Global (2017)
- (Reviewer) KMRP: Knowledge Management Research & Practice, Palgrave MacMillan (2012,2016-2017)
- (Reviewer) Mathematical Problems in Engineering, Hindawi Publishing (2011)
- (Reviewer) The Computer Journal, Oxford University Press (2010)

Conferences

- DAWAK 2017-2019, SEBD 2010-2018, IJSSC2017, ODBASE 2015-2016, HPCS 2015, Metasel 2015, CoopIS 2014, DASFAA 2013, CTS 2010-2013, HPCS 2011, DEXA 2009

Events: program committees/chair

- 2019 *The 21st International Conference on Big Data Analytics and Knowledge Discovery (DAWAK 2019)*, Linz, Austria. August 26-29 (PC member).
- 2018 *The 20th International Conference on Big Data Analytics and Knowledge Discovery (DAWAK 2018)*, Regensburg, Germany. September 3-6 (PC member).
- 2018 *The 14th International Conference on Intelligent Environments (IE'18)*, Rome, Italy. June 25-28 (PC member).
- 2018 *The 26th Italian Symposium on Advanced Database Systems (SEBD2018)*, Castellaneta Marina, Italy. June 24-27 (PC member).
- 2018 *The 1st International Workshop on New Frontiers on Metadata Management and Usage (M2U'18)*. In conjunction with 22nd European Conference on Advanced in Databases and Information Systems (ADBIS2018), Budapest, Hungary. September 2 (PC member).

- 2017 *The 11th International Conference on Advanced Engineering Computing and Applications in Sciences (ADVCOMP 2017)*, Barcelona, Spain. November 12-16 (PC member).
- 2017 *2nd EAI International Conference on ICT Infrastructures and Services for Smart Cities (IISCC 2017)*, Brindisi, Italy. April 20-21 (PC member).
- 2017 *31st Didamatica 2017*, Rome, Italy. May 15-16 (PC member).
- 2016 *The 6th International Workshop on Semantic Technologies for Information-Integrated Collaboration (STIIC 2016)*, in Int. Symposium on Collaboration Technologies and Systems (CTS2016), Orlando, FL, USA. 30 October-4 November 2016 (Co-Chair).
- 2015 *The Fourth International Workshop on Knowledge Management and Collaboration (KMC 2015)*, Int. Symposium on Collaboration Technologies and Systems (CTS2015), Atlanta, GA, USA. June 1-5 (PC member).
- 2015 *23rd Italian Symposium on Advanced Database Systems (SEBD2015)*, Gaeta, Italy. June 14-17 (PC member).
- 2013 *Special Session on Collaboration Technologies and Open Innovation (CTOI 2013)*, Int. Symposium on Collaboration Technologies and Systems (CTS2013), San Diego, CA, USA. May 23 (PC member).

Events: other

- 2012 *6th National Conference on Free Software (CONFSL)*, Università Politecnica delle Marche, Ancona, Italy. June 21-23 (member of organizing committee).
- 2011 *4th Interop - VLab.it Workshop: Pervasive Computing for Networked Enterprises*, Università LUISS "Guido Carli", Rome, Italy. October 6-7 (member of organizing committee).

Memberships

- Apr 2019- **EOSC Officer**, Eurodoc (*The European Council of Doctoral Candidates and Junior Researchers*).
- Apr 2017- **General board member**, Eurodoc (*The European Council of Doctoral Candidates and Junior Researchers*).
- Apr 2019
- Oct 2016 - **Board member**, ADI (*Associazione Dottorandi e Dottori di ricerca Italiani*).
- Dec 2018

Personal skills

Mother tongue

Italian

Other languages

English: Understanding:C1, Reading:C1, Spoken interaction:B2, Spoken production:B2, Writing:C1