

Elisa Quintarelli

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Ruoli e Titoli di Studio

ELENCO DEI RUOLI E FORMAZIONE

Ottobre 2018 – now

Professore Associato presso l'Università di Verona, Settore Disciplinare ING-INF 05.

Gennaio 2015 – Settembre 2018

Professore Associato presso il Politecnico di Milano, Settore Disciplinare ING-INF 05.

Gennaio 2005 – Gennaio 2015

Ricercatore a tempo indeterminato presso il Politecnico di Milano, Settore Disciplinare ING-INF 05.

Maggio 2002 – Dicembre 2004

Assegno di ricerca presso il Dipartimento di Elettronica del Politecnico di Milano. Titolo ricerca: "New Technologies to support e-commerce".

Settembre 1998 – Agosto 1999

Ricercatore a tempo determinato presso l' ITC-IRST (Fondazione Bruno Kessler) di Trento, nel gruppo Human Language Technology.

TITOLI DI STUDIO

- Dottorato di ricerca in Ingegneria Informatica e Automatica (XIV ciclo), conseguito il 24 gennaio 2002 presso il Dipartimento di Elettronica e Informazione del Politecnico di Milano.
Titolo della tesi: "Model-checking based data retrieval: an application to semistructured and temporal data".
Relatore: Prof. Letizia Tanca. Co-relatore: Prof. Agostino Dovier.
- *Laurea in Informatica*, conseguita il 23 Luglio 1998 presso l'Università di Verona, con votazione 110/110 e lode, menzione per il particolare curriculum.
Titolo della tesi: "WG-Log: semantiche operazionali e proprietà logiche".
Relatore: Prof. Letizia Tanca. Co-relatore: Dott. Agostino Dovier.

ESPERIENZE ALL'ESTERO

- Borsa di studio EGIDE per svolgere attività di ricerca per due mesi presso il **Laboratoire d'Informatique de l'Ecole Polytechnique (LIX)** di Parigi. (Giugno 2000 - Luglio 2000).

Premi

- AW.1. Premio Chorafas per la miglior tesi di Dottorato in Informatica presso il Politecnico di Milano (Gennaio 2002).

Compiti istituzionali e Didattica

2023-now

Incaricato AQ Didattica per il Dipartimento di Informatica (Università di Verona).

2021-now

Membro Commissione AQ Laurea Magistrale in Data Science - Dipartimento di Informatica (Università di Verona).

2019-now

Membro Commissione AQ Laurea Triennale in Informatica - Dipartimento di Informatica (Università di Verona).

2018-2022

Responsabile dei Seminari di Dipartimento, presso il Dipartimento di Informatica (Università di Verona).

2010-2018

Webmaster sito del CCS di Informatica, presso il Politecnico di Milano.

2017

Membro della commissione di ammissione al dottorato, presso DEIB (PoliMI).

2020-now

Database (*Titolare corso*) - Laurea Magistrale in Data Science - Dipartimento di Informatica (Università di Verona).

Data Warehouse and Integration (*Titolare corso*) - Laurea Magistrale in Computer Engineering for Robotics and Smart Industry - Dipartimento di Informatica (Università di Verona).

2018-now

Programmazione I (*Titolare corso*) - Laurea Triennale in Informatica - Dipartimento di Informatica (Università di Verona).

2017-2018

Informatica (*Titolare corso*) - Computer Engineering - Undergraduate level (**Valutazione della didattica: 3.28/4 (media di fac. 3.08/4)**).

Basi di Dati (*Titolare corso*) - Computer Engineering - Undergraduate level (**Valutazione della didattica: 3.38/4 (media di fac. 3.10/4)**).

Conceptual and logical design - International Master in Business and Analytics and Big Data (Politecnico di Milano Graduate School of Business).

2016-2017

Informatica (*Titolare corso*) - Computer Engineering - Undergraduate level (**Valutazione della didattica: 3.20/4 (media di fac. 3.04/4)**).

Basi di Dati (*Titolare corso*) - Computer Engineering - Undergraduate level (**Valutazione della didattica: 3.40/4 (media di fac. 3.10/4)**).

Progettazione concettuale e logica di basi di dati - International Master in Business and Analytics and Big Data (Politecnico di Milano Graduate School of Business).

2015-2016

Informatica A (*Titolare corso*) - Computer Engineering - Undergraduate level (**Valutazione della didattica: 3.15/4 (media di fac. 3.10/4)**).

Basi di Dati (*Titolare corso*) - Computer Engineering - Undergraduate level (**Valutazione della didattica: 3.45/4 (media di fac. 3.10/4)**).

Progettazione concettuale e logica di basi di dati - International Master in Business and Analytics and Big Data (Politecnico di Milano Graduate School of Business).

2014-2015

Informatica A (*Titolare corso*) - Computer Engineering - Undergraduate level.

2013-2014

Informatica A (*Titolare corso*) - Computer Engineering - Undergraduate level.

Fondamenti di Informatica (*Responsabile di Laboratorio*) - Computer Engineering - Undergraduate level.

2012-2013

Informatica A (*Titolare corso*) - Computer Engineering - Undergraduate level.

Fondamenti di Informatica (*Responsabile di Laboratorio*) - Computer Engineering - Undergraduate level.

2011-2012

Informatica A (*Titolare corso*) - Computer Engineering - Undergraduate level.

Informatica B (*Titolare corso*) - Computer Engineering - Undergraduate level.

2010-2011

Informatica A (*Titolare corso*) - Computer Engineering - Undergraduate level.

2009-2010

Informatica A (*Titolare corso*) - Computer Engineering - Undergraduate level.

Progetto di Basi di Dati (*Titolare corso*) - Computer Engineering - Undergraduate level.

2008-2009

Informatica A (*Titolare corso*) - Computer Engineering - Undergraduate level.

Basi di Dati (*Esercitatrice*) - Computer Engineering - Undergraduate level.

Mobile, Context-Aware Databases and Database Systems”, **Course for Ph.D. students** in Computer Science and Automation Engineering at Politecnico di Milano, with proff. Cristiana Bolchini, Letizia Tanca, Fabio A. Schreiber.

2007-2008

Informatica A (*Titolare corso*) - Computer Engineering - Undergraduate level.

Basi di Dati (*Esercitatrice*) - Computer Engineering - Undergraduate level.

2006-2007

Informatica A (*Titolare corso*) - Computer Engineering - Undergraduate level.

Basi di Dati (*Esercitatrice*) - Computer Engineering - Undergraduate level.

Mobile, Context-Aware Databases and Database Systems”, **Course for Ph.D. students** in Computer Science and Automation Engineering at Politecnico di Milano, with proff. Cristiana Bolchini, Letizia Tanca, Fabio A. Schreiber.

2005-2006

Informatica A (*Titolare corso*) - Computer Engineering - Undergraduate level.

Basi di Dati (*Esercitatrice*) - Computer Engineering - Undergraduate level.

2004-2005

Informatica A (*Titolare corso*) - Computer Engineering - Undergraduate level.

Basi di Dati (*Esercitatrice*) - Computer Engineering - Undergraduate level.

2003-2004

Informatica C (*Titolare corso*) - Computer Engineering - Undergraduate level.

Basi di Dati (*Esercitatrice*) - Computer Engineering - Undergraduate level.

2002-2003

Informatica C (*Titolare corso*) - Computer Engineering - Undergraduate level.

Basi di Dati (*Esercitatrice*) - Computer Engineering - Undergraduate level.

Informatica B (*Esercitatrice*) - Computer Engineering - Undergraduate level.

2001-2002

Basi di Dati (*Esercitatrice*) - Computer Engineering - Undergraduate level.

Informatica B (*Esercitatrice*) - Computer Engineering - Undergraduate level.

2000-2001

Fondamenti di Informatica (*Esercitatrice*) - Computer Engineering - Undergraduate level.

1999-2000

Fondamenti di Informatica (*Esercitatrice*) - Computer Engineering - Undergraduate level.

Progetti e Comitati

PROGETTI NAZIONALI, INTERNAZIONALI ED ALTRI FINANZIAMENTI

Elisa Quintarelli ha ricevuto i seguenti finanziamenti:

- Principal Investigator on *SOFIA: Semi-autOmatic Financial Information Analytics*, IBM FACULTY AWARD, FUNDED BY IBM, Apr. 2015, 12.000 USD.
- Co-Principal Investigator on *ObiGame: may the force be with you*, 5 PER MILLE POLISOCIAL AWARD, FUNDED BY POLITECNICO DI MILANO AND FONDAZIONE POLITECNICO, Oct. 2013/Oct. 2015, EU 76.000 (PI: Cristina Masella).
- Co-Principal Investigator on Grant CG #574830 from Cisco University Research Program Fund of Silicon Valley Community Foundation for *Exploiting (historical) test output data to improve functional diagnosis* - Jan. 2013/Dec.2013, US\$ 100.000 (PI: Cristiana Bolchini).
- Principal Investigator on *Efficient querying of semistructured and temporal data*, YOUNG RESEARCHER FUNDING PROGRAM FROM POLITECNICO DI MILANO/MURST, 2002, Lit. 10.000.000.

- Co-Principal Investigator on *Retrieval and Integration of multimedia data*, YOUNG RESEARCHER FUNDING PROGRAM FROM UNIVERSITÀ DI VERONA/MURST, 1999.

Ha partecipato inoltre ai seguenti progetti seguenti progetti:

- *GOF4R: Governance of the Interoperability Framework for Rail and Intermodal Mobility*: EUROPEAN HORIZON 2020 PROGRAM, GRANT AGREEMENT NO: 730844 (2016-2018) (local principal investigator: M. Rossi).
- *IT2Rail: Information Technologies for Shift2Rail*: EUROPEAN HORIZON 2020 PROGRAM, GRANT AGREEMENT NO: 636078 (2015-2017) (local principal investigator: M. Rossi).
- *SmartH2O: an ICT Platform to leverage on Social Computing for the efficient management of Water Consumption*, FP7 619172 (2014-2017) (local principal investigator: prof. P. Fraternali).
- *EEB: Edifici a Zero Consumo Energetico in Distretti Urbani Intelligenti*, funding program CLUSTER TECNOLOGICO NAZIONALE TECNOLOGIE PER LE SMART COMMUNITIES, MIUR (2014-2017).
- *SCUOLA: Smart Campus as Urban Open Labs*, funding program REGIONE LOMBARDIA ÒSMART CITIES AND COMMUNITIES, REGIONE LOMBARDIA (2014-2016).
- *SMS-COM: Self-Managing Situated Computing*, FP7 ERC-2008 (local principal investigator: prof. C. Ghezzi).
- *Strategic pan-European ballistics intelligence platform for combating organised crime and terrorism: Odyssey*, FP7-SEC-2007-1 - 218237 (with DIG, Politecnico di Milano).
- *ART-DECO - Adaptive InfRasTructures for DECentralized Organizations*, MIUR FIRB (2006-2009) (local principal investigator: prof. C. Ghezzi).
- *ESTEEM- Emergent Semantics and cooperaTion in multi-knowledge EnvironMents - Advanced methods and tools for semantic cooperation in Web virtual communities*, PRIN 2005, ITALIAN MIUR (local principal investigator: prof. L. Tanca).
- *MAIS - Multichannel adaptive information systems*, MIUR FIRB (2002-2006) (local principal investigator: prof. L. Tanca).

Comitati di Programma

Elisa Quintarelli ha partecipato al Comitato di Programma delle seguenti conferenze:

- *21st International Conference on Extending Database Technology, Demo Session* (EDBT 2018)
- *2nd Workshop on Engineering Context-Aware Applications and Services* (ECAAS 2018)
- *8th Italian Information Retrieval Workshop* (IIR 2017)
- *1st International Workshop on Data Analytics solutions for Real-Life Applications* (DARLI-AP 2017)
- *ACM SIGMOD Conference* (Sigmod 2017)
- *24th Italian Symposium on Advanced Database Systems* (SEBD 2016)
- *2nd International Workshop on Big Data Applications and Principles* (BigDap 2015)
- *Convegno Italiano di Logica Computazionale 2015*
- *22nd Italian Symposium on Advanced Database Systems* (SEBD 2014)

- *17th East-European Conference on Advances in Databases and Information Systems (ADBIS 2013).*
- *11th IEEE/IFIP International Conference on Embedded and Ubiquitous Computing (EUC 2013)*
- *Sixth International Workshop on Flexible Database and Information System Technology (FlexDBIST 2011)*
- *XIX Convegno Nazionale su Sistemi Evoluti per Basi di Dati (SEBD 2011).*
- *XVII Convegno Nazionale su Sistemi Evoluti per Basi di Dati (SEBD 2009).*
- *Third International Workshop on Database Technologies for Handling XML Information on the Web (DataX 2008)*
- *ESTEEM'08 - First International Workshop on Emergent Semantics and cooperaTion in opEn systEMs*
- *Second International Workshop on Database Technologies for Handling XML Information on the Web (DataX 2006)*
- *XII Convegno Nazionale su Sistemi Evoluti per Basi di Dati (SEBD 2004)*

Revisore per Riviste/Conferenze Internazionali

Elisa Quintarelli ha revisionato articoli per le seguenti Riviste/Conferenze:

- **PVLDB Volume 7** (Proceedings of the VLDB Endowment, Volume 7).
- Elsevier Information Systems
- Data & Knowledge Engineering (DKE)
- ACM Transaction on Database Systems (TODS)
- ACM SIGKDD Conference on Knowledge Discovery and Data Mining
- International Conference on Data Engineering
- International Conference on Data Mining
- International Workshop on Exploratory Search in Databases and the Web
- International Conference on Enabling Technologies: Infrastructure for Collaborative Enterprises
- British National Conference on Databases (BNCOD)
- International Conference on Logic Programming and Nonmonotonic Reasoning (LPNMR)

Lista completa delle pubblicazioni

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RIVISTE INTERNAZIONALI

- JR.1. S. Migliorini, E. QUINTARELLI, Mauro Gambini, Alberto Belussi, Damiano Carra: Sequence recommendations for groups: A dynamic approach to balance preferences. *Information Systems* 108: 102023 (2022)
[doi: <https://doi.org/10.1016/j.is.2022.102023>]
- JR.2. S. Migliorini, E. QUINTARELLI, A. Belussi: Tracking Data Provenance of Archaeological Temporal Information in Presence of Uncertainty. *ACM Journal on Computing and Cultural Heritage* 31:1-31:32 (2022)
[doi: <https://doi.org/10.1145/3480956>]
- JR.3. S. Migliorini, A. Belussi, E. QUINTARELLI, D. Carra: CoPart: a context-based partitioning technique for big data. *Journal of Big Data* 8(1): 1-28 (2021)
[doi: [10.1186/s40537-021-00410-4](https://doi.org/10.1186/s40537-021-00410-4)]
- JR.4. A. Giuzio, G. Mecca, E. QUINTARELLI, M. Roveri, D. Santoro, L. Tanca
INDIANA: An interactive system for assisting database exploration.
Information Systems 83: 40-56 (2019)
[doi: <https://doi.org/10.1016/j.is.2019.01.003>]
- JR.5. E. QUINTARELLI, E. Rabosio, L. Tanca: Efficiently using contextual influence to recommend new items to ephemeral groups.
Information Systems 84: 197-213 (2019)
[doi: <https://doi.org/10.1007/s10115-018-1305-8>]
- JR.6. E. Damiani, B. Oliboni, E. QUINTARELLI, L. Tanca: A graph-based meta-model for heterogeneous data management.
Knowledge and Information Systems 61(1): 107-136 (2019)
[doi: <https://doi.org/10.1016/j.is.2019.05.003>]
- JR.7. N. Di Blas, M. Mazuran, P. Paolini, E. QUINTARELLI, L. Tanca
Exploratory computing: a comprehensive approach to data sensemaking.
I. J. Data Science and Analytics 3(1): 61-77 (2017).
[doi: [http://dx.doi.org/10.1007/s41060-016-0039-5](https://doi.org/10.1007/s41060-016-0039-5)]
- JR.8. Cristiana Bolchini and Angela Geronazzo E. QUINTARELLI
Smart buildings: A monitoring and data analysis methodological framework.
Building and Environment 121: 93-105 (2017).
[doi: <https://doi.org/10.1016/j.buildenv.2017.05.014>]
- JR.9. D. Bianchini, P. Garza, E. QUINTARELLI
Characterization and search of web services through intensional knowledge.
J. Intell. Inf. Syst., 47(3): 375-401 (2016).
[doi: [http://dx.doi.org/10.1007/s10844-015-0369-0](https://doi.org/10.1007/s10844-015-0369-0)]
- JR.10. E. QUINTARELLI, E. Rabosio, L. Tanca
A principled approach to context schema evolution in a data management perspective.
Information Systems, Elsevier, Volume 49: 65-101 (2015).
[doi: [http://dx.doi.org/10.1016/j.is.2014.11.008](https://doi.org/10.1016/j.is.2014.11.008)]
- JR.11. M. Buoncristiano, G. Mecca, E. QUINTARELLI, M. Roveri, D. Santoro, L. Tanca
Database Challenges for Exploratory Computing.
SIGMOD Record, 44(2): 17-22 (2015).
[doi: [http://dx.doi.org/10.1145/2814710.2814714](https://doi.org/10.1145/2814710.2814714)]

- JR.12. C. Bolchini, L. Cassano, P. Garza, E. QUINTARELLI, Fabio Salice
An Expert CAD Flow for Incremental Functional Diagnosis of Complex Electronic Boards.
IEEE Trans. on CAD of Integrated Circuits and Systems 34(5): 835-848 (2015).
[doi: <http://dx.doi.org/10.1109/TCAD.2015.2396997>]
- JR.13. D. Bianchini, S. Castano, V. De Antonellis, A. Ferrara, E. QUINTARELLI, L. Tanca
RUBIK: Proactive, Entity-Centric and Personalized Situational Web Application Design.
T. Large-Scale Data- and Knowledge-Centered Systems, Springer, Volume 13: 123-157 (2014).
[doi: <http://dx.doi.org/10.1007/978-3-642-54426-2>]
- JR.14. A. Miele, E. QUINTARELLI, E. Rabosio, L. Tanca
A data-mining approach to preference-based data ranking founded on contextual information.
Information Systems, Elsevier, Volume 38(4): 524-544 (2013).
[doi: <http://dx.doi.org/10.1016/j.is.2012.12.002>]
- JR.15. C. Bolchini, E. QUINTARELLI, L. Tanca
CARVE: Context-aware automatic view definition over relational databases.
Information Systems, Elsevier, Volume 38(1): 45-67 (2013).
[doi: <http://dx.doi.org/10.1016/j.is.2012.05.004>]
- JR.16. C. Combi, B. Oliboni, E. QUINTARELLI
Modeling Temporal Dimensions of Semistructured Data.
Journal of Intelligent Information Systems, Springer, Volume 38(3): 601-644 (2012).
[doi: <http://dx.doi.org/10.1007/s10844-011-0170-7>]
- JR.17. M. Mazuran, E. QUINTARELLI, L. Tanca
Data Mining for XML Query-Answering Support.
IEEE Transactions on Knowledge and Data Engineering, IEEE, Volume 24(8): 1393-1407 (2012).
[doi: <http://dx.doi.org/10.1109/TKDE.2011.80>]
- JR.18. S. Montanelli, D. Bianchini, C. Aiello, R. Baldoni, C., Silvia Bonomi, S. Castano, T. Catarci, V. De Antonellis, A. Ferrara, M. Melchiori, E. QUINTARELLI, M. Scannapieco, F. A. Schreiber, L. Tanca
The ESTEEM platform: enabling P2P semantic collaboration through emerging collective knowledge.
Journal of Intell. Inf. Syst., Springer, Volume 36(2): 167-195, 2011.
[doi: <http://dx.doi.org/10.1007/s10844-010-0125-4>]
- JR.19. C. Bolchini, G. Orsi, E. QUINTARELLI, F. A. Schreiber, L. Tanca.
Context Modeling and Context Awareness: steps forward in the Context-ADDICT project.
IEEE Data Eng. Bull., 34(2): 47-54, 2011.
[source: <http://sites.computer.org/debull/A11june/Tanca.pdf>]
- JR.20. D. Bianchini, S. Montanelli, C. Aiello, R. Baldoni, C. Bolchini, S. Bonomi, S. Castano, T. Catarci, V. De Antonellis, A. Ferrara, M. Melchiori, E. QUINTARELLI, M. Scannapieco, F. A. Schreiber, L. Tanca.
Emergent Semantics and Cooperation in Multi-knowledge Communities: the ESTEEM Approach.
World Wide Web, Springer, Volume 13(1-2): 3-31, 2010.
[doi: <http://dx.doi.org/10.1007/s11280-009-0080-6>]
- JR.21. C. Bolchini, C. Curino, G. Orsi, E. QUINTARELLI, R. Rossato, F. Schreiber, L. Tanca.
And what can context do for data?
Communication of the ACM, Volume 52(11): 136-140, 2009.
[doi: <http://doi.acm.org/10.1145/1592761.1592793>]
- JR.22. C. Bolchini, C. Curino, E. QUINTARELLI, F. Schreiber, L. Tanca.
Context Information for Knowledge Reshaping.
International Journal of Web Engineering and Technology, Volume 5 Issue 1, 2009.
[doi: <https://doi.org/10.1504/IJWET.2009.025015>]
- JR.23. A. Dovier, E. QUINTARELLI.
Applying Model-Checking to solve Queries on Semistructured Data.
Computer Languages, Systems & Structures. Elsevier, Volume 35(2): 143-172, 2009.
[doi: <http://dx.doi.org/10.1016/j.cl.2006.11.002>]
- JR.24. Ceri S., Bolchini C., Braga D., Brambilla M., Campi A., Comai S., Fraternali P., Lanzi P.L., Masseroli M., Matera M., Negri M., Pelagatti G., Pozzi G., E. QUINTARELLI, Schreiber F.A., Tanca L.
Data and Web Management Research at Politecnico di Milano.
ACM SIGMOD Record, Volume 36 (4): 43-48 (2007). ISSN: 0163-5808.
[doi: <http://dx.doi.org/10.1145/1361348.1361359>]

- JR.25. C. Bolchini, C. Curino, G. Orsi, E. QUINTARELLI, F. Schreiber, L. Tanca
A Data-oriented Survey of Context Models.
ACM SIGMOD Record, Vol. 36 (4): 19-26 (2007). ISSN: 0163-5808.
[doi: <http://doi.acm.org/10.1145/1361348.1361353>]
- JR.26. E. Baralis, P. Garza, E. QUINTARELLI, L. Tanca.
Answering XML queries by means of data summaries.
ACM Transactions on Information Systems (TOIS). Volume 25, Issue 3 (2007). ISSN:1046-8188.
[doi: <http://doi.acm.org/10.1145/1247715.1247716>]
- JR.27. G. Bruno, P. Garza, E. QUINTARELLI, R. Rossato.
Anomaly detection through quasi-functional dependency analysis.
Journal of Digital Information Management (JDIM). Special Issue on “Advances in Querying Non-Conventional Data Sources”, Volume 5, Issue 4: 191–200, 2007.
- JR.28. A. Cortesi, A. Dovier, E. QUINTARELLI, L. Tanca.
Operational and Abstract Semantics of a query language G-Log.
Theoretical Computer Science, Elsevier B.V. Volume 275(1–2): 521–560, 2002. ISSN: 0304-3975.
[doi: [https://doi.org/10.1016/S0304-3975\(01\)00295-X](https://doi.org/10.1016/S0304-3975(01)00295-X)]
- JR.29. A. Dovier, R. Giacobazzi, E. QUINTARELLI.
Refining and Compressing Abstract Model Checking.
In *Electronic Notes on Theoretical Computer Science*, Elsevier 48 (2001): 90–107. **Available on line**. ISSN: 1571-0661.
[doi: [http://dx.doi.org/10.1016/S0304-3975\(01\)00295-X](http://dx.doi.org/10.1016/S0304-3975(01)00295-X)]

LIBRI

E. QUINTARELLI

Model-checking Based Data Retrieval. An Application to Semistructured and Temporal Data
Springer-Verlag. Volume 2917 of LNCS, 2004. ISBN: 3-540-20971-9.
[doi: <http://dx.doi.org/10.1007/b94902>]

CAPITOLI DI LIBRO

- IB.1. S. Migliorini, A. Belussi, E. QUINTARELLI
Promoting Data Provenance Tracking in the Archaeological Interpretation Process, in *EDBT/ICDT Workshops 2020*
[<http://ceur-ws.org/Vol-2578/PIE5.pdf>]
- IB.2. S. Migliorini, A. Belussi, E. QUINTARELLI, D. Carra
A Context-based Approach for Partitioning Big Data, in *EDBT 2020*, pp. 431-434, 2020
[doi: [10.5441/002/edbt.2020.50](https://doi.org/10.5441/002/edbt.2020.50)]
- IB.3. F. Paci, D. Bianchini, E. QUINTARELLI, N. Zannone
IFTTT Privacy Checker, in *ETAA@ESORICS 2020*, pp. 90-107, 2020
[doi: [10.1007/978-3-030-64455-0_6](https://doi.org/10.1007/978-3-030-64455-0_6)]
- IB.4. D. Martinenghi, E. QUINTARELLI, F. A. Schreiber, L. Tanca
A Short Account of Techniques for Assisting Users in Mastering Big Data, in *A Comprehensive Guide Through the Italian Database Research*, Springer, pp. 109-124, 2018.
[doi: <http://dx.doi.org/10.1007/978-3-319-61893-7>]
- IB.5. F. Colace, V. Moscato, E. QUINTARELLI, E. Rabosio, L. Tanca
Context Awareness in Pervasive Information Management, in *Data Management in Pervasive Systems*, Springer, pp. 235-256, 2015.
[doi: http://dx.doi.org/10.1007/978-3-319-20062-0_12]
- IB.6. C. Bolchini, E. QUINTARELLI, F. A. Schreiber, M. T. Baldassarre
“Context-Aware Knowledge Querying in a Networked Enterprise”, in *Methodologies and Technologies for Networked Enterprises*, Springer, pp. 237-257, 2012 (ISBN: 9783642317392).
- IB.7. C. Bolchini, E. QUINTARELLI, L. Tanca
“Context Support for Designing Analytical Queries”, in *Methodologies and Technologies for Networked Enterprises*, Springer, 2012 (ISBN: 9783642317392).
- IB.8. M. Mazuran, E. QUINTARELLI, A. Rauseo, L. Tanca
“A Framework for Mining and Querying Summarized XML Data through Tree-based Association Rules”, in *XML Data Mining: Models, Methods, and Application*, IGI Global, pp. 264-287, 2011 (ISBN: 9781613503560).

- IB.9. D. Bianchini, P. Garza, E. QUINTARELLI
“Semantic-enriched data mining techniques for intensional service representation”, in *Management of the Interconnected World*, Springer, pp. 164-174, 2010 (ISBN: 978-3-7908-2403-2).
- IB.10. G. Bruno, P. Garza, E. QUINTARELLI
“Mining rare association rules by discovering quasi-functional dependencies: an incremental approach”, in *Rare Association Rule Mining and Knowledge Discovery: Technologies for Infrequent and Critical Event Detection*, IGI Global, pp. 131-149, 2009 (ISBN: 978-1-60566-754-6).
- IB.11. E. Baralis, P. Garza, E. QUINTARELLI, and L. Tanca, “Using mined patterns for XML query answering”, in *Successes and New Directions in Data Mining*, IGI Global, pp. 39-66, 2007 (ISBN: 978-1-59904-645-7).

CONFERENZE INTERNAZIONALI

- IC.1. S. Migliorini, E. QUINTARELLI, D. Carra, A. Belussi: Sequences of Recommendations for Dynamic Groups: What Is the Role of Context?
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