

UNIVERSITÀ DEGLI STUDI DI MILANO

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## [ANISA RULA] CURRICULUM VITAE

INFORMAZIONI PERSONALI (NON INSERIRE INDIRIZZO PRIVATO E TELEFONO FISSO O CELLULARE)

COGNOME	RULA
NOME	ANISA
DATA DI NASCITA	[ 05, 09, 1984 ]

### INSERIRE IL PROPRIO CURRICULUM (non eccedente le 30 pagine)

#### Education

- 2014 PhD in Computer Science, from the University of Milano-Bicocca, Italy. Thesis Title: Time Related Quality Assessment in Linked Data  
Advisors: Andrea Maurino, Matteo Palmonari
- 2010 MSc in Computer Science, from the University of Milano-Bicocca, Italy. Thesis Title: Data Quality in a Migration Process  
Advisor: Andrea Maurino
- 2007 BSc in Computer Science, from the University of Milano-Bicocca, Italy. Thesis Title: Analysis of the Central Government repository  
Advisor: Carlo Batini

#### Work Experiences

- 2019-2020 Research grant for cooperation in research activities, A1-TYPE, with a duration of 18 months, Quality and Integration Strategies in Big Data, Department of Computer Science, Systems and Communication - University of Milano- Bicocca, Italy.
- 2017-2019 Research grant - Senior researcher at Smart Data Analytics Research Group lead by Prof. Jens Lehmann for a duration of 30 months, <http://sda.cs.uni-bonn.de/people/dr-anisa-rula/>, Big Data Quality in the SANSA Project, University of Bonn, Germany.
- 2017-2018 Research grant for cooperation in research activities, A1-TYPE, with a duration of 24 months, Quality and Integration Strategies in Big Data, Department of Computer Science, Systems and Communication - University of Milano- Bicocca, Italy.
- 2015-2016 Research grant within the COMSODE - Components Supporting the Open Data Exploitation - Project (FP7/2013-2015 under contract number FP7-ICT-611358, <http://www.comsode.eu/>), Strumenti per la valutazione e il miglioramento della qualità degli open data, Department of Computer Science, Systems and Communication - University of Milano- Bicocca, Italy.
- 2014-2015 Research grant within the COMSODE - Componentes Supporting the Open Data Exploitation - Project (FP7/2013-2015 under contract number FP7-ICT-611358, <http://www.comsode.eu/>).

	//www.comsode.eu/), Studio delle dimensioni di qualità nei linked open data, Department of Computer Science, Systems and Communication - University of Milano-Bicocca, Italy.
2011-2014	PhD student at the University of Milano-Bicocca, Milan (Italy).
2012	Visiting PhD student at the AIFB research group at Karlsruhe Institute of Technology (Germany), Advisor: Andreas Harth, Large-scale analysis and experimentation on the diversity and availability of time representation approaches in Linked Data cloud.
2010-2011	Consulting, Junior Consultant at Reply S.P.A, Milan (Italy), Consultant for ENI S.P.A (an Energetic Company) on a project entitled: User Experience and Business Simulation.
2004-2009	Student tutor, Tutoring activities in the computer laboratories and scheduling and organizing the activities of other tutors (for approximately 30 people), at the University of Milano-Bicocca, Milan (Italy).
Maternity Leave	Maternity Leave from 11/08/2015 to 10/01/2016 (153 days) Maternity Leave from 19/01/2020 to 19/06/2020 (153 days)

## Scholarships and Awards

2019	"Giovani Talenti" Award - 3 Prize in Ambito 1 - Area 01: Mathematics and Computer Science - Area 09: Industrial and Information Engineering (University of Milano-Bicocca)
2019	Best Demo at Extended Semantic Web Conference (ESWC) 2019 - (M. Cremaschi, A. Rula, A. Siano, F. De Paoli. MantisTable: a Tool for Creating Semantic Annotations on Tabular Data)
2018	Won free access to the Big Data infrastructures (such as In-Memory technologies) provided by HPI Future SOC Lab.
2014	Best Student Research Paper at Extended Semantic Web Conference (ESWC) 2014 - (A. Rula, M. Palmonari, A. Ngonga Ngomo, D. Gerber, J. Lehmann and L. Bühmann. Hybrid Acquisition of Temporal Scopes for RDF Data)
2012	International Semantic Web Conference - Student Travel Award
2011-2013	Ordinary Ph.D. Student Fellowship from the Italian Ministry of Education, University and Research (MIUR), Italy
2010	Certificate of participation in the II edition of the Da' voce alle tue idee competition dedicated to the design of new solutions for Innovation in Public Administration. Our project named "Totem Amico" was ranked as the best top 5 projects among the 150 projects from all over Italy. We were awarded from the Minister of Public Administration.
2003-2010	Student Scholarship from University of Milano-Bicocca

## Conference Activity/Participation

Jun 2019	Modelling and Linking Company Data in the euBusinessGraphPlatform. Presented paper at the 5th Workshop on on Data Science for Macromodeling with Financial and Economic Datasets at SIGMOD(DSMM@SIGMOD 2019)), Amsterdam, Netherland
Feb 2019	Second International Conference on Data Science and Social Research, Organizing Committee), Milan, Italy.
Nov 2018	International Semantic Web Conference (ISWC), Organizing Committee), Maryland, California, USA.
Mar 2018	Networking Women, Given talk at Bicocca Expert Week, Milano, Italy.
Mar 2017	Enriching Knowledge Bases through Quality Assessment, Given talk at SDA group, University of Bonn, Bonn, Germany.
Jun 2017	4th Workshop on Linked Data Quality, Chairing the workshop at the 14th Extended Semantic Web Conference (ESWC2017), Portoroz, Slovenia.
Jun 2016	3d Workshop on Linked Data Quality, Chairing the workshop at the 13 <sup>th</sup> Extended Semantic Web Conference (ESWC2016), Portoroz, Slovenia.
Jun 2015	N2 Women event, Organizing the lunch meeting of the N2 Women event at the 12th Extended Semantic Web Conference (ESWC 2015), Portoroz, Slovenia.
Jun 2015	2nd Workshop on Linked Data Quality, Chairing the workshop at the 12th Extended Semantic Web Conference (ESWC 2015), Portoroz, Slovenia.
Jun 2015	Abstat: Linked data summaries with abstraction and statistics, Pre- sented demo at the 12th Extended Semantic Web Conference (ESWC 2015), Portoroz, Slovenia.

May 2014	Capturing the Currency of DBpedia Descriptions and Get Insight into their Validity, Given talk at the COLD workshop co-located with the 13th International Semantic Web Conference (ISWC2014), Riva del Garda, Italy.
May 2014	Hybrid Acquisition of Temporal Scopes for RDF Data, Given talk at the 11th Extended Semantic Web Conference (ESWC2014), Crete, Greece.
Nov 2014	On the Diversity and Availability of Temporal Information in Linked Open Data, Given talk at the 11th International Semantic Web Conference (ISWC2012), Boston, USA.
Sep 2012	Capturing the Age of Linked Open Data: Towards a Dataset- Independent Framework, Given talk at the IEEE 6th International Conference on Semantic Computing (ICSC2012), Palermo, Italy.
Feb 2012	Temporal Data Quality in Linked Data, Given talk at institute AIFB at the Karlsruhe Institute of Technology, Karlsruhe, Italy.

## Teaching

2019-2020	Teaching Professor, for the MS course in Computer Science, Data Architecture, University of Milano-Bicocca, Italy.
2018-2020	Teaching Assistant, for the MS course in Data Science, Data Management, University of Milano-Bicocca, Italy.
2011-2020	Teaching Assistant, for the BS course in Computer Science, Advanced Database, University of Milano-Bicocca, Italy.
2012-2014	Teaching Assistant, for the course, Database Concepts & Design, University of Milano-Bicocca, Italy.
2012-2014	Teaching Assistant, for the BS course in Computer Science, Programming 1, University of Milano-Bicocca, Italy.
2010-2011	Teaching Assistant, for the BS course, Introduction to Semantic Web Technologies, University of Milano-Bicocca, Italy.

## Student Supervision

2017 - 2019	2 PHD student
2015-Present	7 Master Student
2012-Present	20+ Bachelor Student

## Professional Activities and Services

Co-Guest Editor	ACM JDIQ Special Issue on Data Quality In Knowledge Graphs <a href="http://bit.ly/qa-kg">http://bit.ly/qa-kg</a>
Co-Guest Editor	Information Journal Special Issue on "Quality of Open Data"

Co-Organizer	2 <sup>nd</sup> Workshop on Linked Data Quality at ESWC 2015 N2Women Meetup at ESWC 2015 3 <sup>rd</sup> Workshop on Linked Data Quality at ESWC 2016 4 <sup>th</sup> Workshop on Linked Data Quality at ESWC 2017 Quality of Open Data Workshop at BIS 2019 Student Coordinator at ISWC2018
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Journal Reviewing	
2017-2020	Journal of Web Semantics
2015-2018	Semantic Web Journal
2016-2019	ACM Journal of Data and Information Quality
2016	IEEE Transactions on Big Data
2013	International Journal On Semantic Web and Information System Program Committee Member

### Conferences

2017-2020	International Semantic Web Conference
2018-2020	Extended Semantic Web Conference
2017-2020	International Conference on Semantic Systems

2016-2018	International Conference on Knowledge Engineering and Ontology Development
2016	International Conference on the Quality of Information and Communications Technology
2013	International Conference on Information Systems
Workshops	
2018-2019	Workshop on Quality of Open Data
2018	International Workshop on Geospatial Linked Data
2015-2019	Managing the Evolution and Preservation of the Data Web
2014,2015	Developers Workshop

## Publications

### Book Chapter

- [ZR19] Amrapali Zaveri, Anisa Rula: "Data Quality and Data Cleansing of Semantic Data". Encyclopedia of Big Data Technologies. Springer International Publishing, 2019.
- [RMB16] Anisa Rula, Andrea Maurino, and Carlo Batini. "Data Quality Issues in Linked Open Data." Data and Information Quality. Springer International Publishing, 2016. 87-112

### Journal Publications

- [RPR+ 19] Anisa Rula, Matteo Palmonari, Simone Rubinacci, Axel-Cyrille Ngonga Ngomo, Jens Lehmann, Andrea Maurino, Diego Esteves. "TISCO: Temporal scoping of facts". Journal of Web Semantics (2019)
- [ERJ+ 18] Diego Esteves, Anisa Rula, Aniketh Janardhan Reddy, Jens Lehmann. "Toward Veracity Assessment in RDF Knowledge Bases: An Exploratory Analysis". J. Data and Information Quality (2018)
- [ZRM+16] Amrapali Zaveri, Anisa Rula, Andrea Maurino, Ricardo Pietrobon, Jens Lehmann, Sören Auer. "Quality assessment for Linked Data: A Survey". Semantic Web Journal (2016)
- [BRS+ 15] Carlo Batini, Anisa Rula, Monica Scannapieco and Gianluigi Viscusi. "From Data Quality to Big Data Quality". Journal of Database Management (2015)

### Conference Publications

- [SRL+19] Gezim Sejdiu, Anisa Rula, Jens Lehmann, Hajira Jabeen: A Scalable Framework for Quality Assessment of RDF Datasets. ISWC (2) 2019: 261-276
- [NMM+18] Tommaso Di Noia, Corrado Magarelli, Andrea Maurino, Matteo Palmonari, Anisa Rula: "Using Ontology-Based Data Summarization to Develop Semantics-Aware Recommender Systems". The Extended Semantic Web Conference (ESWC 2018)
- [NMM+18] Vito Walter Anelli, Tommaso Di Noia, Andrea Maurino, Matteo Palmonari, Anisa Rula: "Ontology-based Linked Data Summarization in Semantics-aware Recommender Systems". SEBD 2018
- [SPP+16] Blerina Spahiu, Riccardo Porrini, Matteo Palmonari, Anisa Rula, Andrea Maurino: "ABSTAT: Ontology-driven Linked Data Summaries with Pattern Minimalization.". The Extended Semantic Web Conference (ESWC 2016)
- [RPN+ 14] Anisa Rula, Matteo Palmonari, Axel-Cyrille Ngonga Ngomo, Daniel Gerber, Jens Lehmann and Lorenz Bühmann. "Hybrid Acquisition of Temporal Scopes for RDF Data". The Semantic Web: Trends and Challenges - 11th International Conference (ESWC 2014), pp. 488-503
- [RPH+ 12] Anisa Rula, Matteo Palmonari, Andreas Harth, Steffen Stadtümmler, and Andrea Maurino. "On the diversity and availability of temporal information in linked open data". The Semantic Web - 11th International Semantic Web (ISWC 2012), pp. 492-507
- [Rul11] Anisa Rula. "DC Proposal: Towards Linked Data Assessment and Linking Temporal Facts". In International Semantic Web Conference (ISWC) 2011, pp. 341-348

### Edited Workshop Proceedings

- [DUF+ 17] Jeremy Debattista, Jürgen Umbrich, Javier D. Fernández, Anisa Rula, Amrapali Zaveri, Anastasia Dimou, Wouter Beek: Joint proceedings of the 3rd Workshop on Managing the Evolution and Preservation of the Data Web (MEPDaW 2017) and the 4th Workshop on Linked Data Quality (LDQ 2017) co-located with 14th European Semantic Web Conference (ESWC 2017), Portorož, Slovenia, May 28th-29th, 2017. CEUR Workshop Proceedings 1824

- [DUF+ 16] Jeremy Debattista, Jürgen Umbrich, Javier D. Fernández, Anisa Rula, Amrapali Zaveri, Magnus Knuth, Dimitris Kontokostas: Joint Proceedings of the 2nd Workshop on Managing the Evolution and Preservation of the Data Web (MEPDaW 2016) and the 3rd Workshop on Linked Data Quality (LDQ 2016) co-located with 13th European Semantic Web Conference (ESWC 2016), Heraklion, Crete, Greece, May 30th, 2016. CEUR Workshop Proceedings 1585
- [RZK+15] Anisa Rula, Amrapali Zaveri, Magnus Knuth, Dimitris Kontokostas: Proceedings of the 2nd Workshop on Linked Data Quality co-located with 12th Extended Semantic Web Conference (ESWC 2015), Portorož, Slovenia, June 1, 2015. CEUR Workshop Proceedings 1376

#### Workshop Publications

- [CRS+19] Marco Cremaschi, Anisa Rula, Alessandra Siano, Flavio De Paoli: Semantic Table Interpretation Using MantisTable. OM@ISWC 2019: 195-196
- [MRZ+19] Andrea Maurino, Anisa Rula, Bjørn Marius von Zernichow, Mauricio Soto Gomez, Brian Elvesæter, Dumitru Roman: Modelling and Linking Company Data in the euBusinessGraph Platform. DSMM@SIGMOD 2019: 12:1-12:6
- [SPP+ 16] Blerina Spahiu, Riccardo Porrini, Matteo Palmonari, Anisa Rula and Andrea Maurino. "ABSTAT: Ontology-driven Linked Data Summaries with Pattern Minimalization". SumPre 2016 - 2nd International Workshop on Summarizing and Presenting Entities and Ontologies Co-located with the 13th Extended Semantic Web Conference
- [SXR+ 16] Blerina Spahiu, Cheng Xie, Anisa Rula, Andrea Maurino and Hongming Cai. "Profiling Similarity Links in Linked Open Data". 7th International Workshop on Data Engineering meets the Semantic Web (DESWeb) In conjunction with ICDE 2016, Helsinki, Finland, 2016
- [RZ14] Anisa Rula, Amrapali Zaveri. "Methodology for Assessment of Linked Data Quality". Proceedings of the 1st Workshop on Linked Data Quality (LDQ 2014) co-located with 10th International Conference on Semantic Systems (SEMANTiCS 2014)
- [RPP+14] Anisa Rula, Luca Panziera, Matteo Palmonari, Andrea Maurino. "Capturing the Currency of DBpedia Descriptions and Get Insight into their Validity". Proceedings of the 5th International Workshop on Consuming Linked Data (COLD 2014) co-located with the 13th International Semantic Web Conference (ISWC 2014)
- [RPM12] Anisa Rula, Matteo Palmonari, and Andrea Maurino. "Capturing the age of linked open data: Towards a dataset-independent framework". In Semantic Computing (ICSC), Sixth IEEE International Conference on Semantic Computing (ICSC 2012), pp. 218- 225. IEEE, 2012
- [HRE11] Julia Hoxha, Anisa Rula, Basil Ell. "Towards Green Linked Data". Proceedings of the Second International Workshop on Consuming Linked Data (COLD 2011) co-located with the 10th International Semantic Web Conference (ISWC 2011)

#### Poster and Demos Publications

- [CRS+19] Marco Cremaschi, Anisa Rula, Alessandra Siano, Flavio De Paoli: MantisTable: A Tool for Creating Semantic Annotations on Tabular Data. ESWC (Satellite Events) 2019: 18-23
- [PSP+ 18] Renzo Arturo Alva Principe, Blerina Spahiu, Matteo Palmonari, Anisa Rula, Flavio De Paoli, Andrea Maurino. "ABSTAT 1.0: Compute, Manage and Share Semantic Profiles of RDF Knowledge Graphs". Satellite Events - International Conference (ESWC 2018)
- [PRP+15] Matteo Palmonari, Anisa Rula, Riccardo Porrini, Andrea Maurino, Blerina Spahiu, and Vincenzo Ferme. "Abstat: Linked data summaries with abstraction and statistics". The Semantic Web: Trends and Challenges - 12th International Conference (ESWC 2015)
- PhD Thesis  
[Rul14] Anisa Rula. "Time-related quality dimensions in linked data". PhD thesis, Università degli Studi di Milano-Bicocca, 2014. Available at: <https://boa.unimib.it/handle/10281/81717>

Data

16/04/2020

Luogo

MILANO