Matteo Lissandrini

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Attuale	**Professore Associato** University of Verona (Italy)
Aree di Competenza	Computer Science, Digital Archives, Knowledge and Information Management, Graph Databases, Data Exploration, Big Data Analysis and Mining

Attività Accademiche e Professionali

01/10/2023 —	**Professore Associato**, *Department of Foreign Languages and Literatures* **(University of Verona)**
15/09/2021 — 30/09/2023	**Professore a Contratto/Adjunkt**, *Department of Computer Science* **(Aalborg University)**
15/09/2019 — 14/09/2021	**Ricercatore Postdottorale**, *Example Driven Analytics of Open Knowledge Graphs* Marie Skłodowska Curie IF fellowship, 2 Years **(Aalborg University)**
15/09/2018 — 14/09/2019	**Ricercatore Postdottorale**, *Exploratory Analytics for Linked Open Data* Research contract, 1 Year **(Aalborg University)**
17/09/2012 — 15/09/2018	**Assistente di Cattedra:** *Information Systems & Data Management Systems*, BSc in Computer Science **(University of Trento)**

Istruzione e Tirocini

01/10/2017 — 01/07/2018	**Laboratory for Foundations of Computer Science**, *University of Edinburgh (U.K.)* *Ricercatore Ospite.* Focus: Data management of semi-structured and graph data.
01/11/2012 — 27/04/2018	**Dottorato di Ricerca in Informatica**, *University of Trento – Dept. Computer Science* Tesi: "Enabling Access to and Exploration of Information Graphs"
01/03/2014 — 01/06/2014	**Cheriton School of Computer Science**, *University of Waterloo, Ontario (Canada)* *Ricercatore Ospite.* Focus: Fitness of Use evaluation for social media data analytics.
01/06/2013 — 01/08/2013	**HP Research Lab**, *Palo Alto, California (U.S.)* *Ricercatore Ospite.* Focus: Coordination for distributed hybrid workload management.
01/09/2010 — 26/09/2012	**Laurea Magistrale in Informatica**, *University of Trento – Dept. Computer Science* Voto Finale: 109/110
01/09/2006 — 17/03/2010	**Laurea Triennale in Informatica**, *University of Verona – Dept. Computer Science* Voto Finale: 110/110 cum Laude

Progetti e Finanziamenti

Progetti EU	"ARMADA: Reliable Conversational Domain-specific Data Exploration and Analysis", **Doctoral Network (HORIZON-MSCA-2023-DN-01).** *Ruolo: Coordinatore.* – Budget totale: € 3 289 140 – Dal 01-03-2025 al 28-02-2028.
	"DataGEMS: Data Discovery Platform with Generalized Exploratory, Management, and Search Capabilities", **Research and Innovation Action (HORIZON-INFRA-2024-EOSC-01).** *Ruolo: Responsabile WP.* – Budget: € 772 625 – Dal 01-01-2025 al 31-12-2027.
	"EDAO: Example Driven Analytics of Open Knowledge Graphs", **Marie Skłodowska-Curie Individual Fellowship.** *Ruolo: P.I.* – Budget totale: € 207 312 – Dal 15-09-2019 al 14-09-2021.
Finanziamenti	**ACM, SIGMOD** 2014 Travel Grant – **Otto Mønsted Fund** Travel Grant

Servizio Professionale

Organizzatore di Convegni	27th International Workshop on Design, Optimization, Languages and Analytical Processing of Big Data (**DOLAP**), Co-located with **EDBT** 2025

3rd Workshop on Search, Exploration, and Analysis in Heterogeneous Datastores – Graph Edition(**SeaGraph**), Co-located with **ICDE** 2024

26th International Workshop on Design, Optimization, Languages and Analytical Processing of Big Data (**DOLAP**), Co-located with **EDBT** 2024

2nd Workshop on Search, Exploration, and Analysis in Heterogeneous Datastores (**SeaData**), Co-located with **VLDB** 2021

1st Workshop on Search, Exploration, and Analysis in Heterogeneous Datastores (**SeaData**), Co-located with **EDBT/ICDT** 2020

Revisore per Riviste	The International Journal on Very Large Data Bases (VLDB Journal), IEEE Transaction on Knowledge and Data Engineering (TKDE), ACM Transactions on Database Systems (TODS), Information Systems Journal, IEEE Transactions on Computers
Membro di Comitato di Programma	KDD'19, EDBT'20, EDBT'23, EDBT'25, ICDE'20, SIGIR'20, ISWC'20, WSDM'20, VLDB'22, VLDB'23, VLDB'24
Revisore Esterno	WWW'13, WWW'14, EDBT'14, EDBT'15, ICDE'15, VLDB'15, ICDE'16, EDBT'18, ICDE'18, EDBT'19, ICDE'19.

Supervisione

Supervisione total of 5 PhD students (1 graduated, 4 ongoing), 20+ MSc student theses (completed). Topics: data analytics, query optimization, recommender systems, graph analysis

Didattica

09/2025 — 12/2025 *Corso Triennale*	*Docente*, **Information Systems (University of Verona)** Bachelor Course in Languages, Literatures, and Digital Cultures
02/2025 — 06/2025 *Corso Magistrale*	*Docente*, **Data and Knowledge Representation (University of Verona)** Master Course in Languages, Literatures, and Digital Cultures
02/2025 — 06/2025 *Corso Magistrale*	*Docente*, **Computational Thinking (University of Verona)** Master Course in Languages, Literatures, and Digital Cultures
09/2024 — 12/2024 *Corso Triennale*	*Docente*, **Information Systems (University of Verona)** Bachelor Course in Languages, Literatures, and Digital Cultures
02/2024 — 06/2024 *Corso Triennale*	*Docente*, **Data and Knowledge Representation (University of Verona)** Master Course in Languages, Literatures, and Digital Cultures
02/2024 — 06/2024 *Corso Magistrale*	*Docente*, **Computational Thinking (University of Verona)** Master Course in Languages, Literatures, and Digital Cultures
09/2023 — 12/2023 *Corso Triennale*	*Docente*, **Database Systems (Aalborg University)** Bachelor Course in Computer Science
09/2022 — 12/2022 *Corso Triennale*	*Docente*, **Database Systems (Aalborg University)** Bachelor Course in Computer Science
03/2022 — 05/2022 *Corso Triennale*	*Docente*, **Web Data Science (Aalborg University)** Bachelor Course in Computer Science
03/2021 — 05/2021 *Corso Triennale*	*Docente*, **Web Data Science (Aalborg University)** Bachelor Course in Computer Science
05/2019 — 05/2019 *Corso di Dottorato*	*Docente*, **Exploratory Data Analysis (Aalborg University)** PhD Course in Computer Science

Seminari

2024	Data Science with Graphs (**5th ACM Europe Summer School on Data Science**)
2023	Graph Data Analysis & Exploration (**11th European Big Data Management & Analytics Summer School - eBISS 2023**)
2021	Panel on Data Discovery & Pricing (**European Big Data Value Forum**)
2019	Graph Data Management & Graph Database Evaluation (**Aalborg University**)
2018	Access & Exploration of Information Graphs (**Aalborg University**) Graph Data: Storage, Processing, and Mining (**University of Trento**)
2017	New Trends on Exploratory Methods for Data Analytics (**University of Trento**)

Pubblicazioni Selezionate

[1] "Transforming RDF Graphs to Property Graphs using Standardized Schemas",
Kashif Rabbani, **Matteo Lissandrini**, Katja Hose, *Companion of the 2025 International Conference on Management of Data, (**SIGMOD/PODS**) 2025.*

[2] "Example-Driven Exploratory Analytics over Statistical Knowledge Graphs",
Matteo Lissandrini, Torben Bach Pedersen, Katja Hose, *Proceedings of the International Conference on Extending Database Technology, (**EDBT**) 2023.*

[3] "A design space for RDF data representations",
Tomer Sagi*, **Matteo Lissandrini***, Torben Bach Pedersen, Katja Hose, *International Journal on Very Large Data Bases **(VLDBJ)** (2022) 27(1).*

[4] "Beyond Macrobenchmarks: Microbenchmark-based Graph Database Evaluation ",
Matteo Lissandrini*, Martin Brugnara*, Yannis Velegrakis, *Proceedings of the VLDB Endowment **(PVLDB)** Journal, 12(4), 2018.*

[5] "Unleashing the Power of Information Graphs",
Matteo Lissandrini*, Davide Mottin*, Dimitra Papadimitriou, Themis Palpanas, Yannis Velegrakis, *ACM **SIGMOD Record** 43(4), 2014.*

* equal contribution