




PERSONAL INFORMATION	Paolo Merialdo	
	Roma Tre University - DICITA	
	 Via della Vasca Navale, 79 – 00146 Roma	
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	 paolo.merialdo@uniroma3.it	
Sex male Date of birth 27/07/1965 Nationality Italian		
CURRENT POSITION	Full professor	
RESEARCH TOPICS / EXPERIENCES	<ul style="list-style-type: none"> ■ Big Data ■ Knowledge Discovery from Data ■ Explainable AI ■ Machine Learning ■ Digital Humanities 	
SCIENTIFIC / TECHNICAL QUALIFICATION <i>(source: Scopus, Feb 2023)</i>	■ H-index:	18
	■ No. publications:	96
	■ No. citations:	2007
KEYWORDS	Digital humanities, Handwritten Text Recognition, Digital Entrepreneurship, Knowledge Extraction, Machine Learning, Natural Language Processing Explainable AI Data Management Big Data	

EDUCATION AND TRAINING

1998/06/15	PhD in Computer Science – La Sapienza Università di Roma
1990/03/01	Laurea degree in Electronic Engineering – Università degli Studi di Genova

WORK EXPERIENCE

since 2019/06/01	Full professor
	ROMA TRE University
2006 – 2019	Associate Professor
	ROMA TRE University
2002 - 2006	Assistant Professor (Researcher)
	ROMA TRE University

MAIN ROLES AND RESPONSIBILITIES

2022	Rector's delegate for start-up and companies
Since 2009	Chair of the Industrial Advisory Board of the Computer Science and Engineering School at the Department of Engineering
From 2021/09/29 To 2024/12/31	Scientific officer and PM for Roma Tre in the Project "Casa delle Tecnologie Emergenti". Financing institution: MISE (Code: J84I20000710008). Goal: organize programs to foster entrepreneurial talents
From 2018/01/10 To 2019/31/03	Scientific officer and PM for Roma Tre in the project "Integr-Azioni: conoscere, gestire, comunicare". Financing institution: FAMI - Fondo Asilo, Migrazione e Integrazione 2014-2020, Ministero dell'Interno (Code: FAMI-1725).

SERVICE TO NATIONAL AND INTERNATIONAL COMMUNITY

Since 2017	Associate Editor: Springer Journal on "Knowledge and Information Systems"
2020	Co-Chair 2nd International Workshop on Challenges and Experiences from Data Integration to Knowledge Graphs (DI2KG) in conjunction with the 46th Very Large Data Bases Conference (VLDB 2020), August 31, 2020, Tokio, Japan. Co-chairs: Divesh Srivastava (AT&T Labs- Research), Donatella Firmani (Roma Tre University)
2019	Vice-Chair 35th IEEE International Conference on Data Engineering (ICDE 2019), April 8-12, 2019, Macau SAR, China
From 2014 to 2018	Member of AI Task Force of the Agency for Digital Italy (AgID)
2015	Co-chair Entrepreneurs Track at the 24th International World Wide Web Conference (WWW 2015), May 18-22, 2015, Florence, Italy. Co-chairs: Andrei Broder (Google), Stefano Leonardi (La Sapienza)
2014	Co-chair Fourth Workshop on Data Extraction and Object Search (DEOS) in conjunction with the 23rd International World Wide Web Conference (WWW'14), April 7-11, Seoul, South Korea. Co-chairs: Tim Furche (Oxford), Giorgio Orsi (Oxford), Valter Crescenzi (Roma Tre)

TEACHING EXPERIENCE

Since 2009	"Data Engineering" ("Web data analytics", until 2020) – 6 CFU – Laurea Magistrale in Ingegneria Informatica, Roma Tre University
Since 2008	"Soft Skills for Computer Engineers" – 1 CFU – Laurea Magistrale in Ingegneria Informatica, Università degli Studi Roma Tre
Since 2002	"Web-Based information Systems" – 6 CFU – Laurea in Ingegneria Informatica, Roma Tre University
Since 2020	"Digital Entrepreneurship" – 6 CFU – Laurea in Ingegneria Informatica, Roma Tre University
From 2009 To 2021	"Web Information Analysis and Management" – 6 CFU – Laurea Magistrale in Ingegneria Informatica, Roma Tre University
From 2018 To 2020	"Advanced Topics in Computer Science" – 6 CFU – Laurea Magistrale in Ingegneria Informatica, Roma Tre University
From 2002 To 2013	"Object Oriented Programming" – 6 CFU – Laurea in Ingegneria Informatica, Roma Tre University
From 2006/ To 2012	"Fundamentals of Computer Science" – 6 CFU – Laurea in Ingegneria Meccanica, Roma Tre University

MAIN RESEARCH EXPERIENCE

Since 2017	Research Collaboration with AT&T Labs-Research (dr. Divesh Srivastava) on Big Data Integration and on Explainable AI
Since 2019	Research Collaboration with University of Toronto (prof. Nick Koudas) on Explainable AI
Since 2014	Research Collaboration with University of Alberta (prof. Denilson Barbosa) on Knowledge Graphs
2021-2023	Project: "Matrices" (Information extraction from medieval documents) Role: PI. Financing institution: Regione Lazio (Programma Strategico Regionale per la ricerca, l'innovazione ed il trasferimento tecnologico 2014-2020 Legge Regionale n. 13 del 04/08/2008).
2018-2020	Project: "STARTED - STArtup skills for Researchers and innovaTors" Role: local PI (Roma Tre) Financing Institution: EU (Erasmus+ KA2 - Cooperation for innovation and the exchange of good practices in Entrepreneurship Development)

2018-2019	Project: "In Codice Ratio" (Machine learning for Handwritten Text Recognition) Role: PI Financing institution: Regione Lazio (Programma Strategico Regionale per la ricerca, l'innovazione ed il trasferimento tecnologico 2017-2019 Legge Regionale n. 13 del 04/08/2008)
2014-2015	Project: "SocialEyers: Sentiment Analysis Techniques for Real Time Social Media Monitoring" Role: local PI (Roma Tre) Financing institution: Regione Lazio (POR FESR Lazio 2007/2013)
2011-2013	Project: "MORNING: MONitoraggio della Reputazione su social Network e Informazione Generata da utenti" Role: local PI (Roma Tre) Financing institution: Regione Lazio (POR FESR Lazio 2007/2013)
2010-2012	Project: "EASE: Entity Aware Search Engines" Role: local PI (Roma Tre) Financing institution: MIUR (PRIN2008)
2004-2006	Project: "WISDOM: Intelligent Web Search based on Domain Ontologies" Role: local PI (Roma) Financing institution: MIUR (PRIN 2004)

OTHER RELEVANT EXPERIENCES

2021	MyBiros srl (innovative startup): co-founder and scientific advisor
Since 2015	LuissEnlabs Accelerator: advisor
2017-2018	Organizer and PM of the Bridgestone Open Innovation Project on Mobile Computing and Big Data for safe driving
2017	Data Falls – Big Profiles srl (innovative startup): co-founder
Since 2018	Dock3 – The Startup Lab (Entrepreneurship Program): co-founder and COO
Since 2015	KPI6 srl (innovative startup): scientific advisor
2010	InnovAction Lab (Entrepreneurship Program): co-founder and COO
2004	Chi Technologies srl (Roma Tre spin-off): co-founder

ADDITIONAL INFORMATION

Publications List of recent and relevant publications

- Andrea Rossi, Donatella Firmani, Paolo Merialdo, Tommaso Teofili: "Explaining Link Prediction Systems based on Knowledge Graph Embeddings". ACM SIGMOD 2022
- Lorenzo Lastilla, Serena Ammirati, Donatella Firmani, Nikos Komodakis, Paolo Merialdo, Simone Scardapane: "Self-supervised learning for medieval handwriting identification: A case study from the Vatican Apostolic Library". Information Processing and Management 59(3): 102875 (2022)
- Andrea Rossi, Denilson Barbosa, Donatella Firmani, Antonio Marinata, Paolo Merialdo: "Knowledge Graph Embedding for Link Prediction: A Comparative Analysis". ACM Transaction on Knowledge Discovery from Data 15(2): 14:1-14:49 (2021)
- Donatella Firmani, Marco Maiorino, Paolo Merialdo, Elena Nieddu "Towards Knowledge Discovery from the Vatican Secret Archives. In Codice Ratio-Episode 1: Machine Transcription of the Manuscripts". Proceedings of the 24th ACM SIGKDD International Conference on Knowledge Discovery & Data Mining (2018)

According to law 679/2016 of the Regulation of the European Parliament of 27th April 2016, I hereby express my consent to process and use my data provided in this CV.

March 9th, 2023