PERSONAL INFORMATION

Donato Malerba



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Nationality Italian

WORK EXPERIENCE

Mar 2006 - today — Full Professor, Computer Engineering
University of Bari Aldo Moro, Bari (Italy), www.uniba.it

Nov 1998 - Feb 2006 — Associate Professor, Computer Engineering
University of Bari, Bari (Italy), www.uniba.it

Jul 1991 - Oct 1998 — Assistant Professor, Computer Science
University of Bari, Bari (Italy), www.uniba.it

ACADEMIC POSITIONS

Jul 2021 - Dec 2023 — **Chair of the National Commission for Habilitation in Computer Engineering** (ING-INF/05)

Dec 2015 - Sep 2022 — **Director of the Department of Computer Science**, University of Bari Aldo Moro

Jan 2010 - Apr 2017 — **Director of the PhD School in Computer Science**, University of Bari Aldo Moro

Nov 2005 - Oct 2008
Nov 2010 - Nov 2015
Dec 2022 – Sept 2026 — Deputy Director of the Department of Computer Science, University of Bari Aldo Moro

TEAM LEADERSHIP

He is responsible of the research group **KDDE (Knowledge Discovery and Data Engineering)** https://kdde.di.uniba.it/ (3 full professors, 3 associate professors, 2 assistant professors, 2 assistant researchers, 8 PhD students), which is active in the areas of **data science** and **big data**.

RESEARCH INTERESTS

His main research activity is in **Data Science** (machine learning, data mining and big data analytics), **Artificial Intelligence** and their applications.

PUBLICATIONS

He has published **more than 360 papers** on international journals and conference proceedings with peer review. He is also co-author of a book. A partial list is available at:
http://dblp.uni-trier.de/pers/hd/m/Malerba:Donato.html

BIBLIOMETRIC INDEXES

Scopus — Citations: 7.251, H-index: 38 (reference date 30th October 2026)
Google Scholar — Citations: 12.914, H-index: 55 (reference date 30th October 2026)

HONOURS AND AWARDS

1987 IBM Award for the 25 best Italian Master Thesis in Computer Science

1996 1996 Best paper award, Thirteenth European Meeting on Cybernetics and Systems Research (EMCSR'96), Symposium on “Knowledge Discovery in Databases

2004 IBM Faculty Award

2012 Best paper award, 8th International Conference on Machine Learning and Data Mining in Pattern Recognition (MLDM 2012)

2022 Best paper award, the 7th IEEE Cyber Science and Technology Congress (CyberSciTech 2022)

2024 Best paper award at the 27th International Symposium on Intelligent Systems and Methodologies (ISMIS 2024)

2026 Best paper award at the 28th International Symposium on Intelligent Systems and Methodologies (ISMIS 2026)

RESEARCH PROJECTS

2023-2026 He has **coordinated** the Spoke 6 - Symbiotic AI, of the Project FAIR (Future Artificial Intelligence Research) - Partenariato Esteso "Intelligenza Artificiale: aspetti fondazionali" **(> 10M Euro for Spoke 6)**

He has **coordinated** the Research Unit of CINI (National Interuniversity Consortium of Informatics) in the following EU projects:

2021-2024 - H2020 Project CounteR "Privacy-First Situational Awareness Platform for Violent Terrorism and Crime Prediction, Counter Radicalisation and Citizen Protection"

2020-2023 - H2020 Project IMPETUS " Intelligent Management of Processes, Ethics and Technology for Urban Safety" (2020-2023)

and of the following Regional (POR) Project:

2019-2021 - INNONETWORK project APOLLON "environmentAl POLLutiOn aNalyzer"

He has **coordinated** the Research Unit of the University of Bari in the following EU projects:
- FP6-021321 "KDUbiq - Knowledge Discovery in Ubiquitous Environments"
- IST-2001-33086 "KDNet - European Knowledge Discovery Network of Excellence"
- IST-1999-10536 SPIN (Spatial Mining on Data of Public Interest)

He has **coordinated** the Research Unit of the University of Bari in the following National projects:
- MIUR PRIN-COFIN (years 1999-2001, 2001-2003, 2010-2012).
- PON project Vincente (A virtual collective intelligence environment to develop sustainable technology entrepreneurship ecosystems) (2012-2015)
- PON Project TALISMAN (Tecnologie di Assistenza personALizzata per il Miglioramento della quAlità della vitA) (2018-2022)

He has **coordinated** the Research Unit of the University of Bari in the following Regional projects:
- Strategic Project PS121 "Infrastrutture di Telecomunicazione e Reti Wireless di Sensori nella Gestione di Situazioni di Emergenza" (2006-2011)
- Fondazione Cassa di Risparmio di Puglia project "EMP3: Efficiency Monitoring of Photovoltaic Power Plants"

SCIENTIFIC RESPONSIBILITIES

General (co-)Chair of:

2026 - The 5th Italian Conference on Big Data and Data Science, ITADATA 2026, Nov. 2026

2023 - the Int. Joint Conf.on Learning and Reasoning, IJCLR 2023, Bari, November 2023

2016 - the joint Conferences 27th Int. Conf. on Algorithmic Learning Theory (ALT 2016) and 19th Int. Conf. on Discovery Science (DS 2016), Bari, October 2016

Program Co-Chair of:

2011 - European Conference on Machine Learning and Principles and Practice of Knowledge Discovery in Databases (ECML PKDD 2011), Athens (GR), September 2011

2007 - 15th Italian Conference on Database Systems, Torre Canne di Fasano (I), June 2007

2006 - 16th Int. Symp. on Methodologies for Intelligent Systems (ISMIS'06), Bari, Sept. 2006

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2005 - 18th International Conference on Industrial & Engineering Applications of Artificial Intelligence and Expert Systems (IEA-AIE' 05), Bari, June 2005
2006 - Convegno Italiano di Logica Computazionale (CILC), Bari, June 2006

Co-Chair of:
2023 - Spring School on Deep Learning (DeepLearn 2023), Bari, April 2023 (>200 participants)
2017 - Winter School on Big Data (Big Dat 2017), Bari, February 2017 (>300 participants)

Scientific coordinator of several workshops (both national and international)
Guest editor of several special issues of scientific journals (both national and international)

(Past) Member of the editorial board of
- Machine Learning Journal (Springer), Q1 in CS - Artificial Intelligence
- Data Mining and Knowledge Discovery (Springer), Q1 in CS - Information Systems
- Journal of Intelligent Information Systems (Springer), Q2 in CS - Information Systems
- Knowledge and Information Systems (Springer), Q2 in CS - Information Systems
- International Journal of Data Mining, Modelling and Management (Inderscience),
- International Journal of Social Network Mining (Inderscience).

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