

PAOLO ATZENI
Short CV

Paolo Atzeni is Professor at Università Roma Tre since its foundation in 1992, and he is the Head of the Department of Engineering (essentially, a Dean's position, as Departments are the only organization body in the University) since January 2013.

Previously, he was Professor at Università di Roma La Sapienza (1990-1992), Associate Professor at Università di Napoli (1987-1990), member of the research staff at IASI-CNR in Rome (1983-1987). He also had long visiting appointments at Università dell'Aquila (1986-1987) and the University of Toronto (1984-1985) and also stayed at the National University of Singapore (February 2008), Microsoft Research (January 2003), UCLA (April-May 1981). He received his Dr. Ing. degree in Electrical Engineering from Università di Roma "La Sapienza" in 1980.

At Roma Tre, he was President of Corso di Laurea in Ingegneria Informatica (coordinator of undergraduate and master's programs in computer engineering) for six years (1994-2000) and he was a member (2000-2012) and vicepresident (2010-2012) of Nucleo di Valutazione.

He leads the Database Group at Roma Tre and he has worked on various topics in the database field, including relational database theory, conceptual modelling and design tools, deductive database, databases and the Web, cooperation of database systems. In the last few years, his major interest has been on model management, with specific attention to the study and transformation of schema and data from a model to another. He has published his research result in the major journals of the field, including ACM Transactions of Database Systems, VLDB Journal, Information Systems, SIAM Journal of Computing, Journal of Computer and System Sciences and in the refereed proceedings of all the major database conferences (ACM-SIGMOD, VLDB, EDBT, ACM-PODS, ICDE, ICDT, CAiSE). He has authored fifteen books (two in English and thirteen in Italian) and edited twelve. He has given keynote or invited lectures at various events and seminars at many universities and research centres worldwide (for a list of keynotes and seminars: <http://www.dia.uniroma3.it/~atzeni/atzeniSeminars.html>)

He has coordinated a number of large national projects funded by CNR and MIUR, and participated as a local coordinator, to various international projects, funded by the EU and INTAS. He received an IBM Faculty Award and a Microsoft Research Fellowship for one of his PhD Students.

He was one of the major scientific organizers for a number of major conferences: ICDT'86, DBPL'95, WebDB'98, VLDB 2001, ER 2004, ADBIS 2008, VLDB 2010, ER 2012, BigComp2015. He has also been program committee member for many international events. He is currently serving on the Executive Board of the EDBT Association, of which he is also Past President. He was a member (also secretary and vice president) of the VLDB Endowment and of the steering committees of DBPL, ER, and ICDT Conferences. For a list of editorial and service activity, see <http://www.dia.uniroma3.it/~atzeni/atzeniActivities.html>

Recent publications (since 2003)

for a more complete list, see the DBLP entry:

<http://www.informatik.uni-trier.de/~ley/db/indices/a-tree/a/Atzeni:Paolo.html>

- F. Bugiotti, L. Cabibbo, P. Atzeni, R. Torlone: Database Design for NoSQL Systems. Conceptual Modeling - 33rd International Conference, ER 2014, 223-231
- S. Britell, L.M.L. Delcambre, P. Atzeni: Generic Data Manipulation in a Mixed Global/Local Conceptual Model. Conceptual Modeling - 33rd International Conference, ER 2014, 246-259
- S. Britell, L.M.L. Delcambre, P. Atzeni: Flexible Information Integration with Local Dominance. EJC 2014: 21-40
- P. Atzeni, F. Bugiotti, L. Rossi., Uniform access to NoSQL systems, Information Systems Volume 43, July 2014, Pages 117-133 <http://dx.doi.org/10.1016/j.is.2013.05.002i>
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- Paolo Atzeni, Luigi Bellomarini, Francesca Bugiotti: EXLEngine: executable schema mappings for statistical data processing. EDBT 2013: 672-682
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- Paolo Atzeni, Francesca Bugiotti, Luca Rossi: SOS (save our systems): a uniform programming interface for non-relational systems. EDBT 2012: 582-585
- Verónica Andrea Bollati, Paolo Atzeni, Esperanza Marcos, Juan M. Vara: Model Management Systems vs. Model Driven Engineering: a case study. SAC 2012: 865-872

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- Paolo Atzeni, Elisa Bertino, Masaru Kitsuregawa, Kian-Lee Tan: Special issue: best papers of VLDB 2010. VLDB J. 21(2): 167-168 (2012)
- Paolo Atzeni, Stefano Paolozzi, Pierluigi Del Nostro: Temporal Content Management and Web Sites Modeling: Putting Them Together. T. Large-Scale Data- and Knowledge-Centered Systems, 5: 158-182 (2012) Doi: dx.doi.org/10.1007/978-3-642-28148-8_7.
- Paolo Atzeni, Luigi Bellomarini, Francesca Bugiotti, Fabrizio Celli, Giorgio Gianforme, A runtime approach to model-generic translation of schema and data, Information Systems, Volume 37, Issue 3, May 2012, Pages 269-287, ISSN 0306-4379 , 10.1016/j.is.2011.11.003.
- Paolo Atzeni, Fabio Polticelli, Daniele Toti: An Automatic Identification and Resolution System for Protein-Related Abbreviations in Scientific Papers. EvoBio 2011: 171-176
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