

# Dora Giammarresi

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## Personal

Born on August 8, 1966 in Palermo, Italy. Italian Citizen. Married with four children.

## Education and Employments

I received a *Laurea cum Laude* degree in Mathematics in 1988 and I got a Ph.D. in Mathematics in 1994 with thesis advisor Prof. A. Restivo both at University of Palermo (Italy) .

During my Ph.D., in 1991- 92 I visited the Department of Computer Science of Columbia University, New York, NY, U.S.A., ( supervisor Prof. Zvi Galil) and in 1992 I visited the Laboratoire d'Informatique Theorique et Programmation of University Paris VII, France, (supervisor Prof. Dominique Perrin). In 1999 I visited for six months the Department of Computer Science of Hong Kong University of Science and Technology (Hong Kong) where I worked together with Prof. Derik Wood.

In 1995 I became Research Associate at University of L'Aquila (Italy) and since November 2001 I am Associate Professor at Department of Mathematics of University of Roma Tor Vergata (Italy).

## Teaching Activities

In the last 20 years I taught undergraduate courses on Algorithms and data structures, Formal languages, Compilers, Computability and Complexity and Programming. I'm currently teaching two courses per academic year.

## Research Activities

My research field is mainly formal languages, automata theory and combinatorics on discrete structures. More specifically I studied the following subjects: Recognizable two-dimensional languages, Two-dimensional codes, Grammars for WEB languages, Generalized automata and automata transformations, Trees periodicity.

## Invited Lectures at Conferences

I was invited to give plenary lectures at the following conferences.

- International Conference on Descriptive Complexity of Formal Systems - 19th IFIP, DCFS 2017, Milano, Italy, July 3-5, 2017,

- Journées Automates Cellulaires (JAC 2010), Turku, Finland, December 15-17, 2010
- 14th International Conference on Developments in Language Theory (DLT 2010), London Ontario, Canada, August 2010.
- 2nd International Conference on Algebraic Informatics (CAI 2009), Thessaloniki, Greece, May 2007.
- 2nd International Conference on Developments in Language Theory (DLT 1995), Magdeburg, Germany, July 1995.

### **Editorial Activities**

I am Associate Editor for *Journal of Automata, Languages and Combinatorics*.

I am guest Editor for

- *Theoretical Computer Science*, vol 658, 2017. Formal Languages and Automata: Models, Methods and Application In honour of the 70th birthday of Antonio Restivo.

Moreover, I have been reviewer for several international journals and conferences.

### **Program Committee member**

Recently I have been in the program committee of the following conferences:

- DLT 2021, 25th International Conference on Developments in Language Theory Porto, Portugal, August, 16-20.
- DCFS 2020, 22nd International Conference on Descriptive Complexity of Formal Systems August 24-26, 2020 in Wien.
- ICTCS 2019, 20th Italian Conference on Theoretical Computer Science September 9-11, 2019 in Como, Italy.
- IWOCA 2019, 30th International Workshop on Combinatorial Algorithms July 23-25, 2019 in Pisa, Italy.
- CIAA 2019, The 24th International Conference on Implementation and Application of Automata. July 22-25, 2019 at Košice, Slovakia.
- CAI 2019, The 8th International Conference on Algebraic Informatics June 30-July 4, 2019 at Nis, Serbia.
- CSR 2019, The 14th International Computer Science Symposium in Russia July 1-5, 2019 at Novosibirsk, Russia.
- NCMA 2018, 10th Workshop on Non-Classical Models of Automata and Applications. August 21-22, 2018 at Henning Bordinh, University of Potsdam in Kosice, Slovakia.
- ICTCS 2018, 19th Italian Conference on Theoretical Computer Science 18-20 September 2018, Urbino, Italy
- CIAA 2018, 23rd International Conference on Implementation and Applications of Automata Charlottetown, Prince Edward Island, Canada August 2018.

- DCFS 2018, 20th International Conference on Descriptive Complexity of Formal Systems Halifax, Nova Scotia, Canada July 2018.
- LATA 2018, 12th International Conference on Language and Automata Theory and Applications Ramat Gan, Israel April 8-12, 2018.
- DLT 2017, 21st International Conference on Developments in Language Theory Liege, Belgium August 2017.
- AUTOMATA 2017, 23rd annual International Workshop on Cellular Automata and Discrete Complex Systems Milan, Italy June 2017.
- MFCS 2014, 39th International Symposium on Mathematical Foundations of Computer Science, Budapest, Hungary ,August, 2014.
- DLT 2012, 16th International Conference on Developments in Language Theory, Taipei, Taiwan, August, 2012.
- CIAA 2011, 16th International Conference on Implementation and Application of Automata , Blois, France July 2011.
- SPIRE 2011, 18th Symposium on String Processing and Information Retrieval , Pisa, Italy October 2011.
- CAI 2009, 3rd International Conference on Algebraic Informatics Thessaloniki, Greece May 2009.
- CIAA 2008, 13rd International Conference on Implementation and Application of Automata San Francisco, California July 2008.

Moreover I was co-chair in the scientific and organizing committee of the workshop *Advances on Two-dimensional Languages* held in Salerno, Italy, May 2006 with a grant of ESF AutoMathA project.

## Publications

See on <https://dblp.uni-trier.de/pid/13/1566.html>