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## Academic education

- 1994 PhD Thesis: Automated deduction with constrained clauses  
Technical University of Catalonia, Spain  
Supervisor: Prof. Dr. Robert Nieuwenhuis
- 1990 Computer Science Degree  
Technical University of Catalonia, Spain

## Professional record

- 2019 – today Full Professor, Complutense University of Madrid  
2008 – 2018 Full Professor, Technical University of Catalonia  
1998 – 2008 Associate Professor, Technical University of Catalonia  
1992 – 1998 Lecturer, Technical University of Catalonia  
1990 – 1992 Assistant Professor, Technical University of Catalonia

## Key figures:

- Number of publications in journals: 16  
Number of publications in refereed proceedings: 46  
Number of citations (Google scholar): 2333  
H-index (Google scholar): 25

## Supervision of PhD students

- Cristina Borralleras. Ordering-based method for proving termination automatically. UPC, May 2003.
- Miquel Bofill. Equational Reasoning with Non-Monotonic Orderings. UPC, June 2004
- Mirtha Lina Fernández (co-supervised with G. Godoy). Non-Monotonic orderings for proving termination of term rewrite systems. UPC, May 2007.
- Daniel Larraz. Automatic Program Analysis using Max-SMT. UPC, July 2015.

## Steering Committee member

- Chair of the International Termination Competition (TemComp), since 2009.
- Member of the Steering Committee of the international Conference on Rewriting Techniques and Applications (RTA). From 2007 to 2009.

## Invited talks

- RTA'08: Present and Future of Proving Termination of Rewriting, July 2008.
- LOPSTR'13: Program Analysis using SMT and MAX-SMT, September 2013.
- Invited to participate in six Dagstuhl Seminars.

## Principal investigator in funded research projects

- FREETech (RTI2018-094403-B-C33), Spanish MCIU, AEI and FEDER, 2019 – 2021.
- LoBaSS (TIN2015-69175-C4-3-R), Spanish MINECO and FEDER, 2016 – 2019.
- DAMAS (TIN2013-45732-C4-3-P), Spanish MINECO, 2014 – 2016.
- SweetLogics (TIN2010-21062-C02-01), Spanish MICINN. 2010–2014.
- LogicTools2 (TIN2007-68093-C02-01), Spanish MEC. 2007–2010.
- LogicTools (TIN2004-03382), Spanish MEC. 2004–2007.