

Raffaella Mirandola: curriculum vitæ et studiorum

Name Raffaella Mirandola
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KEY DATA

Education

- Ph.D. in Computer Science, University of Roma Tor Vergata, Italy, 1994.
- M.Sc. in Computer Science University of Pisa, Italy, 1989.

Academic experience

I am Associate Professor at Dipartimento di Elettronica, Informazione e Bioingegneria, Politecnico di Milano. I annually teach basic and advanced courses on software engineering and on computer systems. I am an active member of the scientific community and I regularly serve in international program committees and as a referee for top-ranked journals. I'm a member of the editorial board of the IEEE Transactions of Software Engineering and of the Journal of System and Software (Elsevier). I also organized several international conferences and workshops as Program Chair or General Chair and co-organized two Dagstuhl Seminars.

Research Areas

My main research interests are in:

- Software quality requirements modeling, analysis and verification
- Formal methods for (self-)adaptive dependable IT systems
- Model- driven software engineering

and the application of the theories, approaches and techniques specific to the above research areas to *service-oriented* and *component-based* systems, *adaptive systems*, *mobile systems*, and *cloud computing*. The research has been funded by several national and international projects, among which the FP7 European project Q-ImPrESS: Quality Impact Prediction for Evolving Service-Oriented Software, for which I was Scientific Responsible and also local responsible for Politecnico.

Scientific Results

- Co-author of 30 top-ranked journal publications;
- Co-author of 15 chapters in scientific books;
- Co-author of more than 100 scientific publications on peer-reviewed conferences/workshops (with one Best Paper Award).
- Based on Google Scholar (13/11/2017), my h-index is 31 with 5260 as a total number of citations.