Professor. Maria Garcia De La Banda Garcia
Department of Data Science & AI
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Biography

Maria Garcia de la Banda is a Professor at the Faculty of Information Technology with more than 25 years of experience as an academic. She is currently a member of the ARC College of Experts, the Co-Chair of the Monash-Woodside FutureLab and until July 2022 the Deputy Dean Research of the Faculty. Prior to that she was overall Deputy Dean of the Faculty (2013-2016) and the Head of the Caulfield School of Information Technology (2009-2011). Her research interests include Combinatorial Optimisation, Program analysis and Transformation, Declarative Programming Languages and Bioinformatics. Since 2010 she has been Area Editor of the Journal of Theory and Practice of Logic Programming, and since 2019 member of the Editorial Board of the Constraints journal. She has attracted more than $20M in industry funding and $14M in nationally competitive funding, including $8M as CI in 11 ARC grants (5 as lead).
Maria's PhD, awarded in 1994, won the Universidad Politecnica de Madrid's Best PhD Award. In 1997 she was awarded the first and only prestigious Logan Fellowship in the Faculty of Information Technology a role she held for 6 years. In 2005 she won, with Peter Stuckey, the International Constraint Modelling Challenge. She has been an elected member of the Executive Committee of the Association of Logic Programming (2005-2008) and of the Executive Committee of the Association of Constraint Programming (2017-2020), of which she was also elected as President (2019-2020). In 2021 she was inducted into the Monash Honour Roll.

Qualifications

Computer Science, Doctor of Philosophy, Universidad Politecnica de Madrid (Polytechnic University of Madrid)
Award Date: 7 Jul 1994

Computer Science, Ingeniero Informatico, Universidad Politecnica de Madrid (Polytechnic University of Madrid)
Award Date: 1 Mar 1992

Activities

Deputy Dean - Faculty of Information Technology, Monash University
Maria Garcia De La Banda (Executive Member)
1 Jan 2016

Member - Association for Computing Machinery (ACM)
Maria Garcia De La Banda (Member)
1 Jan 2016

Member - Australian Computer Society
Maria Garcia De La Banda (Member)
1 Jan 2016

Theory and Practice of Logic Programming (Journal)
Maria Garcia De La Banda (Editorial board member)
1 Jan 2016

Springer (Publisher)
Maria Garcia De La Banda Garcia (Editor in chief) & Enrico Pontelli (Editor in chief)
2008