



POLITÉCNICA

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Julio Mariño got his Computer Science and PhD in Computer Science from the Technical University of Madrid (Universidad Politécnica de Madrid, UPM). He is an associate professor at that university since 2007, where he lectures on Concurrency, Formal Methods for SW Development, Constraints and Foundations for Programming Languages. He is currently the principal investigator of the Babel research group, whose main goal is the development of reliable software by means of declarative technology.

His research lines have to do with the application of logic and mathematics to error-free software construction. Initially, he was mostly focused on declarative programming – logic and functional programming, and their integration – and now he is more focused on the application of formal methods to concurrent and parallel software.

He has taken part in more than 25 research projects, 12 times as principal investigator. This includes european, national and regional projects, as well as contracts with the industry and nonprofit organizations. He is the autor of more than 50 peer-reviewed scientific publications, 10 of them JCR-indexed. He has been a visiting scholar to RWTH Aachen (1993), Cambridge University Computer Laboratory (1995) and Wesleyan University (2003). Three thesis have been produced under his supervision, those of Ángel Herranz (2011), Emilio J. Gallego-Arias (2012) and Raúl N. Alborodo (2019). As the result of his teaching and research activities he has produced a good number of software tools – compilers, code analysis and transformation, etc. All of them released through open-source licenses.