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José Ignacio Requeno Jarabo is an assistant professor in the Department of Computer Systems and Computation at the Complutense University of Madrid (UCM) since 2021. He got his PhD in Computer Engineering (Systems and Informatics Engineering) in 2014 from the University of Zaragoza (UniZar) with a thesis supervised by J. M. Colom, focused on the application of model checking and formal verification techniques to the field of phylogenetics in bioinformatics.

Since then, he has continued his research in the field of formal methods, particularly in the areas of modeling, verification, and quantitative analysis of concurrent and stochastic systems. His expertise lies in modeling concurrent systems using Petri nets as a formalism, and analyzing them with model checking and runtime verification techniques through the specification of properties using temporal logics. He has applied the results of his research to fields such as cloud computing, cyber-physical systems, and computational bioinformatics and systems biology. His research interests are complemented by the use of optimization and machine learning techniques in the area of formal verification.

Since 2010, he has participated in regional (1 from the Community of Madrid), national (4 from Spain, 1 from France), and international research projects (1 FP7, 2 H2020). Between 2014 and 2021, he conducted several research stays at prestigious universities and public institutions: Høgskulen på Vestlandet (HVL) (2020-2021), VERIMAG (2018-2020), UniZar (2016-2018), and INRIA Rhone Alpes (2014-2015). He is currently a member of the Design and Testing of Reliable Systems (DTRS) team at UCM.

Finally, he has served on program committees for numerous (inter)national conferences and as a reviewer for high-impact journals in the field. He has published more than 20 research papers in high-impact journals and conferences with a peer-reviewed process.