



POLITÉCNICA

## Guillermo Román Díez

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Guillermo Román Díez is Assistant Professor in the Department of Computer Languages and Systems and Software Engineering since 2016 at Universidad Politécnica de Madrid (UPM). Guillermo obtained his Master in Information Techonology in 2007 and, in 2012, Guillermo received his Ph.D. in “Software and Systems” in the topic of resource analysis supervised by Germán Puebla and Elvira Albert.

In the beginning of his career, Guillermo was employed for 6 yeras as Analist and Project Manager in several private companies, like T-Systems (<https://www.t-systems.com/>) and Ingenico (<https://www.ingenico.es/>), developing different payment solutions software projects.

During his research career, which started in 2010 working as Technical staff at UPM, Guillermo worked as Postdoc Researcher at UPM in the field of analysis on concurrent and distributed systems. During this period, Guillermo has been involved in several national, regional and European research projects. All these projects have been developed within the research group Costa (<https://costa.fdi.ucm.es/>), where he has participated in the in the design and implementation of the COSTA and SACO systems, two resource analyzers for Java and for ABS, a programming language based on concurrent-objects. Guillermo’s main research interests are in the field of program analysis, namely, static resource analysis object-oriented concurrent and distributed systems and blockchain platforms.

The academical background of Guillermo has been developed in different periods: in 2007-2009 and 2014-2016 he worked as Adjunt Professor (Profesor Asociado) at E.T.S. de Ingenieros en Informática at UPM teaching different courses in the field of programming languages, e.g. “*Algorithms and Data Structures*” and “*Concurrency*”; and, since 2016, Guillermo got a full-time position as Assistant Professor in the same university, teacing new courses like “*Programming Project*” or “*Programming of User Interfaces*” in the last years.