Gonzalo Ruiz Manzanares

He joined BIFI in 2007 with his final degree project in Computer Engineering, developing a remote irrigation management system. Since then, he has worked on distributed computing and software development projects, applying innovative techniques. In 2014, he completed the Master's degree in Systems Engineering, focusing on information systems and semantic analysis, and co-founded the spin-off Kampal Data Solutions, with which he continues tocollaborate.
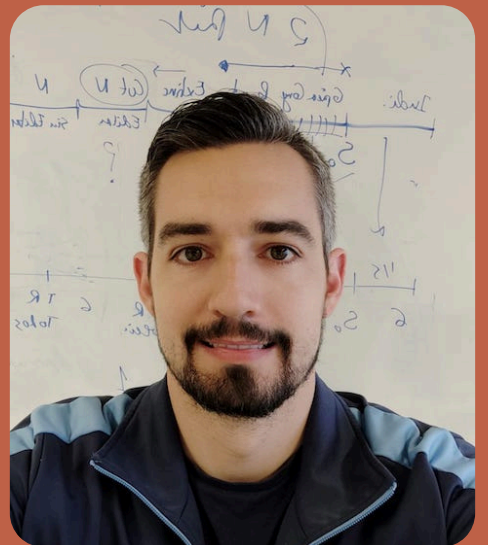
Researcher profile

As an R2 researcher, he has worked on multidisciplinary projects. Initially, his research focused on citizen science initiatives with Ibercivis, bringing research closer to society. He has also developed intuitive tools to facilitate access to distributed computing infrastructures such as GRID and Cloud. Currently, he focuses on the analysis of large volumes of data through complex networks, data science and artificial intelligence, applying these techniques in social networks to study user interaction and in collaborative R&D&I networks between researchers.

Importance of his research

Research in my field of specialisation contributes to democratising access to scientific knowledge and to involving society in the generation of new knowledge. Facilitating the use of distributed computing infrastructures speeds up research, improves results, reduces costs and makes it possible to replace real trials with simulations. Moreover, the analysis of large amounts of data using complex networks and artificial intelligence is key to understanding social phenomena and fostering innovation in R&D&I collaboration.