Ignacio Guillén Galve

His research focuses on applied linguistics, especially on academic communication in English as a foreign language and lingua franca (EFL and ELF). His PhD thesis (2001) analysed the "grammatical metaphor" in written medical English. Since 2003, as a Senior Lecturer at the University of Zaragoza, he has researched the pragmatics of communication in English in STEM disciplines. He has led projects on academic communication, English as a lingua franca and open science, which facilitated his incorporation in 2022 into the BIFI Digital Science lab in the area of Computation and data science.

Researcher profile

Currently, as an R4 researcher in the BIFI Digital Science line, he focuses on how scientific knowledge is communicated in academic and professional settings, both to specialist audiences and to the general public. His research assesses the sustainability and transformative impact of digital science, especially Open Science. He focuses on describing the texts, modes and media used to communicate science, with a particular focus on genres and languages of communication. He also works on training spoken academic English for PhD students and junior researchers in STEM disciplines and on improving pronunciation for teachers in EMI environments.

Importance of his research

The research focuses on how national meteorological agencies in English-speaking countries communicate science on their web portals, covering topics such as forecasting and climate change.
He studies the use of English, including prosodic aspects in Video Methods Articles in journals such as JoVE, and assesses whether the digital sites effectively adapt the scientific register for the general public. He also investigates how the voice of non-native authors influences scientific communication, applying these findings to the teaching of English in STEM contexts.