

Sara Lumbreras

Sara Lumbreras is a professor at the ICAI School of Engineering of the Universidad Pontificia Comillas.

She is currently deputy director of Research Results at the Technological Research Institute and manages the chair of Science, Technology and Religion together with Jaime Tatay.

She is the author of more than seventy academic publications and has directed or participated in more than twenty projects with private companies and public institutions.

Her research focuses on the development and application of decision support techniques to complex problems. She works with classical optimization techniques such as Benders decomposition, heuristics and Artificial Intelligence. She applies these techniques to the energy sector, healthcare and in finance. She also has five years of experience in the private sector (JPMorgan London). She develops a line of research in philosophy of technology and the implications of artificial intelligence in anthropology. She is a Global Shaper of the World Economic Forum and a Marshall Memorial Fellow.