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Alvaro Lopez Garcia, PhD, (ORCID 0000-0002-0Y013-4602) is a CSIC Tenured Scientist and head of the Advanced Computing and e-Science Group at the Institute of Physics of Cantabria (IFCA), within the Spanish National Research Council (CSIC) (IFCA, CSIC-UC).

His research focuses on the intersection of cloud computing models, distributed systems, and artificial intelligence, with a particular emphasis on enhancing research and science services. His research in this area prioritizes data security and privacy, the ethical implications, trustworthiness, and privacy concerns associated with data-driven methodologies. Additionally, he advocates for socially and environmentally responsible computing practices, aiming to integrate ethical considerations into all aspects of data-driven science and beyond.

He has participated in more than 20 EU projects (FP7, Horizon 2020, Horizon Europe); noteworthy being the project coordinator of the H2020 DEEP-Hybrid-DataCloud and the Horizon Europe AI4EOSC, SIESTA and FLUID-AI actions, all of them focused on delivering advanced and innovative services for the European Open Science Cloud (EOSC) where he is a recognized contributor.